

20010126.qrp v02_n079.qrl.20010126

Date: Fri, 26 Jan 2001 19:03:05 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2079

QRP-L Digest 2079

Topics covered in this issue include:

- 1) [89779] Stop the madness... Re: 6m QRP call freq
by "Paul R. Valko" <prvalko@oakland.edu>
- 2) [89780] Bill Orr, W6SAI a SK ?
by "Michael Melland" <badger@vbe.com>
- 3) [89781] Re: About Tuner Losses.
by Brendan Minish <EI6IZ@oceanfree.net>
- 4) [89782] Ft. Tuthill information
by Michael Goins <mgoins@usa.net>
- 5) [89783] Re: PIC dev environment
by Brian Short <k7on@earthlink.net>
- 6) [89784] RE: Bill Orr
by "Michael Melland" <badger@vbe.com>
- 7) [89785] Re: 6m QRP call freq
by "W7TRX" <w7trx@mindspring.com>
- 8) [89786] Thx!
by preacher102677@juno.com
- 9) [89787] Re: 30 Meters
by Phil Wheeler <w7ox@earthlink.net>
- 10) [89788] Re: pixie
by Fran Flynn <fflynn@adelphia.net>
- 11) [89789] Re: PIC dev environment
by "ZOOM" <kandrparker@sympatico.ca>
- 12) [89790] Analyzer comparisons
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 13) [89791] Balloon stuff
by "Walt Amos" <k8cv@netzero.net>
- 14) [89792] Re: Stop the Butting in.. Re: 6m QRP call freq
by "W7TRX" <w7trx@mindspring.com>
- 15) [89793] OT: Re: MegaConverter
by Mighty Mik <mightymik2@home.com>
- 16) [89794] Re: Analyzer comparisons
by Phil Wheeler <w7ox@earthlink.net>
- 17) [89795] Re: Balloon stuff
by Phil Wheeler <w7ox@earthlink.net>
- 18) [89796] Re: Antenna for 160
by Bill Coleman <aa4lr@arrl.net>
- 19) [89797] Device to locate a break in a coax - it's called a TDR

- by H Weinstein <k3hw@yahoo.com>
- 20) [89798] Tuner losses, Balloons, moisture in wire, oxidation
by Nick Kennedy <nkennedy@tcainet.net>
- 21) [89799] TMS: Good QSO AB8DF de NA1XX
by NA1XX@aol.com
- 22) [89800] Re: Ft. Tuthill information
by Bob Nielsen <nielsen@oz.net>
- 23) [89801] Re: About Tuner Losses.
by "Don Wilhelm" <w3fpr@arrl.net>
- 24) [89802] FT-817 Laminated Quick-Reference Vade Mecum Card Sets Available
by "Bruce Prior" <n7rr@hotmail.com>
- 25) [89803] Inductance meter from Handbook
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 26) [89804] Re: [89641] PSK31 Interface for Yaesu FT-817
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 27) [89805] Ft. Smith and Atlanticon and QRP ARCI QQ and QRPp
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 28) [89806] Re: ARRL and Morse Code??
by DYARNES@aol.com
- 29) [89807] Telescopic Whip
by "Kevin Nathan" <k7rx@uswest.net>
- 30) [89808] Re: 30m Help!
by "Adrian Weiss" <aweiss@usd.edu>
- 31) [89809] Re: Anodizing aluminum
by W2SH@aol.com
- 32) [89810] Re: Telescopic Whip
by Phil Wheeler <w7ox@earthlink.net>
- 33) [89811] Re: Device to locate a break in a coax
by Euramcom <mel@euramcom.freemove.co.uk>
- 34) [89812] Re: Anodizing aluminum
by "Gordon Cougar" <gcouger@couger.com>
- 35) [89813] Re: Inductance meter from Handbook
by "Leon Heller" <leon_heller@hotmail.com>
- 36) [89814] Re: Antenna analyzers Vectronics on sale
by Don <dwittlic@apci.net>
- 37) [89815] Re: Balloon stuff
by "N3BJ" <qrpdx@earthlink.net>
- 38) [89816] Re: Bravo.....
by "neil" <ntan@crosslink.net>
- 39) [89817] 6m Tip
by John R Kirby <n3aaz-qrp@juno.com>
- 40) [89818] Re: Antenna analyzers Vectronics on sale
by K5BDZ@aol.com
- 41) [89819] FS: HW-9, TAC-1, Epiphyte
by "N3BJ" <qrpdx@earthlink.net>
- 42) [89820] Re: Antenna analyzers Vectronics on sale
by "Karl F. Larsen" <k5di@zianet.com>
- 43) [89821] Re: 6m Tip

by Curt Milton <wb8yyy@yahoo.com>
44) [89822] Re: Antenna analyzers Vectronics on sale
by Thomas Kuehl <ac7a@gci-net.com>
45) [89823] It's time to join!
by Roger J Wendell <zeekzilch@juno.com>
46) [89824] Re: 30M how about this?
by Joe Street <jstreet@venus.uwaterloo.ca>
47) [89825] Re: 6m QRP call freq
by Bill Coleman <aa4lr@arrl.net>
48) [89826] Thanks for 30m Help!
by George Reeves <greeves@emory.edu>
49) [89827] Re: Tuner losses, Balloons, moisture in wire, oxidation
by Bruce Muscolino <w6toy@erols.com>
50) [89828] Re: Antenna analyzers Vectronics on sale
by Bruce Muscolino <w6toy@erols.com>
51) [89829] RE: It's time to join!
by "John L. Sielke" <w2agn@pobox.com>
52) [89830] Re: Anodizing aluminum
by Bruce Muscolino <w6toy@erols.com>
53) [89831] Re: Telescopic Whip
by Drbob92031@aol.com
54) [89832] brake/shear
by n2go@arrl.net
55) [89833] EFHWA -- which tuner is best?
by "Acito, William" <William.Acito@brooks.com>
56) [89834] Re: Smith Charts
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
57) [89835] Klunky Schematic Get All
by <wd9eyb@butler.qrp.com>
58) [89836] Balloons, telescopic whips, WW dipole, 30m test, Melt solder Steve
by "Tom Whalen" <wb5qyt@abq.com>
59) [89837] Epiphyte Sold
by "qrpx@earthlink.net" <qrpx@earthlink.net>
60) [89838] logging programs
by Michael Goins <mgoins@usa.net>
61) [89839] Re: 6m QRP fun freq
by "W7TRX" <w7trx@mindspring.com>
62) [89840] Re: brake/shear
by "Phinizy, William" <wphinizy@filenet.com>
63) [89841] List of WPE QRPers
by "Paul Harden, NA5N" <na5n@rt66.com>
64) [89842] Re: List of WPE QRPers
by Chris Trask <ctrask@primenet.com>
65) [89843] 160 xtals
by crc@io.com
66) [89844] RE: 6m QRP fun freq
by "Niel Skousen" <nskousen@scientech.com>
67) [89845] Last call: QRP-Canada "Winter-Within" contest.

by Bruce Rattray <rattray@gpfn.sk.ca>
68) [89846] FS or SWAP: 40m MFJ Cub QRP rig
by "Mike Swift" <m0cqg@dial.pipex.com>
69) [89847] RE: 6m QRP fun freq
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
70) [89848] Re: Balloon stuff
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
71) [89849] FOX: Fox #29 Recap
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
72) [89850] Re: ARRL and Morse Code??
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
73) [89851] RE: It's time to join!
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
74) [89852] Re: 6m Tip
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
75) [89853] Re: Anodizing aluminum
by "Richard Matthews" <prm@hiwaay.net>
76) [89854] Re: OT Quest for elusive Novice WAS
by Rick Robinson <rerobins@email.uncc.edu>
77) [89855] Re: logging programs
by "Mike L., AF4LQ" <olyellr@iglou.com>
78) [89856] Re: ARRL and Morse Code??
by Rick Robinson <rerobins@email.uncc.edu>
79) [89857] Re: EFHWA -- which tuner is best?
by Bill Coleman <aa4lr@arrl.net>
80) [89858] Logging Software
by John.Meade@smc.com
81) [89859] RE: logging programs
by Michael Melland <badger@vbe.com>
82) [89860] Re: OT Quest for elusive Novice WAS
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
83) [89861] Thoughts on Anodizing
by "Doug Hendricks" <ki6ds@dph.dpol.net>
84) [89862] WWV as entertainment
by Rick Robinson <rerobins@email.uncc.edu>
85) [89863] Re: List of WPE QRPers
by "K7FD N7SG" <k7fd@arrl.net>
86) [89864] Re: List of WPE QRPers
by DaveLeDuc@aol.com
87) [89865] Re: List of WPE QRPers
by KB7WW Art Moe <kb7ww@chatusa.com>
88) [89866] Portable Antenna
by Bob Welch <p326@earthlink.net>
89) [89867] Re: WWV as entertainment
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
90) [89868] Re: OT Quest for elusive Novice WAS
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
91) [89869] The end of WPE

- by Rick Robinson <rerobins@email.uncc.edu>
- 92) [89870] Re: FOX: Fox #29 Recap
by "Karl F. Larsen" <k5di@zianet.com>
- 93) [89871] Ten -Tec For Sale
by Qrpop@aol.com
- 94) [89872] MFSK, MT68 & Digital stuff again
by Nils R Young <nilsbull@juno.com>
- 95) [89873] "Novice" Roundup
by Kenneth Hoglund <hoglund@wfu.edu>
- 96) [89874] Portable Antenna
by Bob Welch <p326@earthlink.net>
- 97) [89875] Re: Anodizing aluminum
by John Arnold <arnoldas@pacbell.net>
- 98) [89876] QRP Hall of Fame nominations for 2001
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 99) [89877] correctio to earlier telescoping ant. post
by Drbob92031@aol.com
- 100) [89878] Bill Orr, author, mentor, antenna experimenter, Radio Handbook editor
for Editors and Engineers SK
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 101) [89879] Klunky Manhattan Project
by <wd9eyb@butler.qrp.com>
- 102) [89880] Re: Anodizing aluminum
by "Acito, William" <William.Acito@brooks.com>
- 103) [89881] RE: Bill Orr, W6SAI a SK ?
by <schoon@amgt.com>
- 104) [89882] FOX: Fox #29 Preliminary Log (KI0II)
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
- 105) [89883] RE: Antenna analyzers Vectronics on sale
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 106) [89884] RE: Antenna analyzers Vectronics on sale
by Vance Huntsinger <vhuntsinger@iwic.net>
- 107) [89885] RE: 6m QRP fun freq
by Bill ROWLETT <kc4atu@yahoo.com>
- 108) [89886] Is a K2 an "energy saving device"?
by "Rick - WW9JD" <ww9jd@arrl.net>
- 109) [89887] Antenna analyzers
by Vance Huntsinger <vhuntsinger@iwic.net>
- 110) [89888] Another great one gone...
by Larry East <w1hue@amsat.org>
- 111) [89889] Re: WWV as entertainment
by "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>
- 112) [89890] Energy saving device?
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 113) [89891] OT: Novice Ticket and ARRL
by Vance Huntsinger <vhuntsinger@iwic.net>
- 114) [89892] Re: Anodizing aluminum
by "Paul Harden, NA5N" <na5n@rt66.com>

- 115) [89893] Re: WWV as entertainment
by Stephen Hawkins <grayline@mindspring.com>
116) [89894] Re: EFHWA -- which tuner is best?
by Steve Yates - AA5TB <aa5tb@arrl.net>
117) [89895] All the recent antenna discussionss....
by preacher102677@juno.com
118) [89896] Re: Klunky Manhattan Project
by "Brad Hernlem" <alihernlem@hotmail.com>
119) [89897] Round 3 Warblers on their way!
by Joseph Everhart <n2cx@popmail.voicenet.com>
120) [89898] QRP Quarterly
by "George Lee" <georgekr5c@cablelynx.com>

Date: Thu, 25 Jan 2001 19:07:00 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: FT817@egroups.com
Cc: VHF <vhf@w6yx.stanford.edu>, QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [89779] Stop the madness... Re: 6m QRP call freq
Message-ID: <Pine.OSF.4.21.0101251852400.8449-1000000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jan 2001, W7TRX wrote:

> What really needs to happen is to get some agreement on a 6m qrp freq
> between 50.125 and 50.200.

I'll go on record and suggest 50.125

"Oh!" you exclaim, "that's already a six meter calling frequency!"

Fine. Get on it and call CQ then. Phone or CW, QRP or QRO because frankly my dear, I don't give a damn. All I know is I have a \$1500 radio sitting in the basement listening to the band and there's no activity because everyone who COULD be calling CQ is on the Internet arguing about WHERE they should call CQ.

I don't want to go on a rant here, but when did talking about doing something become more important than doing it?

But that's just my opinion, I could be wrong.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 25 Jan 2001 18:19:38 -0600
From: "Michael Melland" <badger@vbe.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89780] Bill Orr, W6SAI a SK ?
Message-ID: <000901c0872d\$abd33e80\$25834d40@0019896170>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hate to repeat rumors but I just saw this on another reflector. Did this just happen ?..... boy we sure seem to be losing lots of the grand old men of our hobby.

72/73 de Mike

--
Michael Melland, W9WIS
Winneconne, Wisconsin USA - Grid EN54pc
QRP-L #1656 - QRPARCI #9875
<http://www.vbe.com/~badger>

Date: Fri, 26 Jan 2001 00:19:05 +0000
From: Brendan Minish <EI6IZ@oceanfree.net>
To: aa4lr@arrl.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89781] Re: About Tuner Losses.
Message-ID: <5.0.2.1.2.20010126001422.00a7ea10@mail.oceanfree.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 18:49 25/01/2001 -0500, Bill Coleman wrote:

>Yup. It's easier to build a capacitor with a high Q than it is with an
>inductor.

It's just a thought but is there any reason (besides space) why a variable inductor in a tuning unit cannot be made in the same way as variable coil in a screwdriver antenna.

I.e Have a coil that slides in and out of a metal tube with finger stock at the end. only the portion of coil exposed past the finger stock is in circuit. Would this produce a higher Q variable inductor and if so would it be a worthwhile improvement over the roller coaster type of variable inductor commonly used in ATU's ?

--

Brendan Minish EI6IZ
ei6iz@oceanfree.net
PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

Date: 25 Jan 2001 19:20:35 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU
Subject: [89782] Ft. Tuthill information
Message-ID: <20010126002035.23975.qmail@awcst094.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi gang,

I need some information on the Ft. Tuthill gathering and I'm sure there is a website somewhere with all the info on it. Anyone have an address? =

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Fri, 26 Jan 2001 00:23:26 +0000
From: Brian Short <k7on@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89783] Re: PIC dev environment
Message-ID: <4.3.2.7.2.20010126002000.00be3460@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You may want to try some other appropriate resources:

comp.arch.embedded
comp.robotics.misc

I have a programmer from DonTronics with SimmStiks
and the CCS C compiler.

At 11:26 PM 1/25/01, Leon Heller wrote:

>>I built a PIC programmer for a few dollars from
>>schematics on the web. It only programs 16C84/16F84,
>>but for the price I'm not complaining. I had several
>>assemblers to choose from at Microchip's web site
>>and hit the ground running. For devices this small
>>a compiler (for any language) is hardly worth the
>>bother.

>

>I prefer the Atmel AVR. An in-circuit programmer needs virtually no
>components, they are *much faster* and have a nicer architecture. They
>also cost about the same, but can be harder to get hold of.

>

>73, Leon

>

>--

>Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058

>Email:leon_heller@hotmail.com My web page:

>http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

>

>

>

>

>

>

>

>-----
>Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

>

--

It is not the strengths, but the durations of great sentiments
that make great men. -Nietzsche

--

mailto:k7on@earthlink.net

--

Date: Thu, 25 Jan 2001 18:29:10 -0600
From: "Michael Melland" <badger@vbe.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89784] RE: Bill Orr
Message-ID: <002101c0872f\$013902a0\$25834d40@0019896170>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just received an email from another source who confirmed Bill passed away today. My thoughts are with his family.

Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA - Grid EN54pc
QRP-L #1656 - QRPARCI #9875
<http://www.vbe.com/~badger>

Date: Thu, 25 Jan 2001 16:28:36 -0800
From: "W7TRX" <w7trx@mindspring.com>
To: <FT817@egroups.com>, "VHF" <vhf@w6yx.stanford.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Jeff Stai WK6I" <jstai@home.com>
Subject: [89785] Re: 6m QRP call freq
Message-ID: <000a01c0872e\$ed7fe080\$a12579a5@de11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Jeff Stai WK6I <jstai@home.com>
To: <w7trx@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, January 25, 2001 3:40 PM
Subject: Re: 6m QRP call freq

> > That's the problem with the current 6m QRP freq. It is in 6m wasteland.
Move
> > one down closer to 50.125. No need for it to be too official either.
When
> > the band gets rockin' I'm sure that would get tromped on in short order.

> > There are decent QRP call freqs for the other bands. 6m deserves no less!!!
>
> hi Tracy - I somehow missed your intent! Sounds like a great idea.
>
> How about 50.185 SSB and 50.085 CW? Close to the action, but away from the main freqs.
>
> I'd recommend against 50.060 for CW - that's right on the edge of the US beacon subband.
>
> see ya there sometime! - jeff wk6i
>
> --
> jeff stai
> WK6I DM13

Jeff, Good picks, sounds good to me. The "85" has a bit of a commonality with other call freqs. Easy to remember. I'll add that to my 6m scan list. I'll even shout a CQ on occasion. When the band opens, I'm always on 6m. DM-13 should be easy pickin's from CN-87. See you there.

Tracy, W7TRX

Date: Thu, 25 Jan 2001 19:20:57 -0500
From: preacher102677@juno.com
To: qrp-l@Lehigh.EDU
Subject: [89786] Thx!
Message-ID: <20010125.192823.-95525.14.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Thank you to all who have contributed to my further understanding of the 40-40/ SW-40 complex!
It turns out, I'm using a borrowed radio of the same model I would like to build! Hey, I even like it!!!
So, Who's got an SW-30 that can tell me if they like it or not?

LIC,
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
DE KG4GVL Clear.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 25 Jan 2001 16:41:34 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [89787] Re: 30 Meters
Message-ID: <3A70C7BE.4A28BD57@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Jerry O'Dell wrote:

>
> You see, if you really hate, despise, and
> detest contests, the only thing that keeps
> you in ham radio is a safe haven, like 30.
>
> Good lord, you contesters have enormous
> bandwidth 80, 40, 20, 15, and 10. Isn't
> that enough?
>

But why did you send this to me, Jerry?

In a recent qrp-l message I said:

"My view is that 30 meters should be protected from *any* contest-like activity. It is a significant refuge when the 40, 20 etc. are full of contestors."

73, Phil W7OX

Date: Thu, 25 Jan 2001 19:04:08 -0500
From: Fran Flynn <fflynn@adelphia.net>
To: "Parker, Roy I." <ParkerRI@missouri.edu>, qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [89788] Re: pixie
Message-ID: <3A70BEF8.F34155F5@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WA60TP, who drew this schematic has the right idea.
An "rit" switch switches a capacitor to bend the xtal a little.
I'll add that to my Pixie one of these days.

Not sure how well the ops procedure would work, I think
adding the switch would be easier. :)

It's on this web page:

<http://www.qsl.net/wa6otp/pixie.htm>

Thanks to James Wa6otp!

-Fran Km1z

"Parker, Roy I." wrote:

>
> Fran KM1Z,
>
> Hi. I guess somebody should start a 'standard' or 'ops procedure'
> that
> asks for RIT when answering a call.
>
> Something like CQ CQ CQ de KM1Z KM1Z RIT K.
>
> I'm sure that if you call then quickly tune aside to listen for calls,
> the distant station will only tune back to zero-beat.
>
> I wonder if anybody could understand if you sent "RIT?" between CQ calls?
>
> I wish you luck with the Pixie, I have worked some using the 49er. I think
> that's similar. I tried and didn't finish getting a TiCK keyer to key one
> of the rigs. May have to get back into that challenge sometime.
> (Maybe I need to try a NPN keying transistor?)
>
> 72
>
> de Roy Parker AA0B
>
> <http://web.missouri.edu/~ccrip>
>
> ..._._ . .

Date: Thu, 25 Jan 2001 19:44:27 -0500

From: "ZOOM" <kandrparker@sympatico.ca>
To: <k7on@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89789] Re: PIC dev environment
Message-ID: <00da01c08731\$2348e160\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check out www.qkits.com
They have a series of PIC programmers and all prices in Canadian dollars.
Very reasonable!

Cheers,
Robert
VE3RPF

----- Original Message -----
From: Brian Short <k7on@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, January 25, 2001 7:23 PM
Subject: Re: PIC dev environment

>
> You may want to try some other appropriate resources:
>
> comp.arch.embedded
> comp.robotics.misc
>
> I have a programmer from DonTronics with SimmStiks
> and the CCS C compiler.
>
> At 11:26 PM 1/25/01, Leon Heller wrote:
>
> >>I built a PIC programmer for a few dollars from
> >>schematics on the web. It only programs 16C84/16F84,
> >>but for the price I'm not complaining. I had several
> >>assemblers to choose from at Microchip's web site
> >>and hit the ground running. For devices this small
> >>a compiler (for any language) is hardly worth the
> >>bother.
> >
> >I prefer the Atmel AVR. An in-circuit programmer needs virtually no
> >components, they are *much faster* and have a nicer architecture. They
> >also cost about the same, but can be harder to get hold of.
> >
> >73, Leon

> >
> >--
> >Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
> >Email:leon_heller@hotmail.com My web page:
> >http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>
> >
> >
> >
> >
> >
> >
> >
> >

> >Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.
> >
>
> --
> It is not the strengths, but the durations of great sentiments
> that make great men. -Nietzsche
> --
> <mailto:k7on@earthlink.net>
> --
>

Date: Thu, 25 Jan 2001 18:55:24 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <vhuntsinger@iwic.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [89790] Analyzer comparisons
Message-ID: <01fd01c08732\$aacf97e0\$4e100a0a@rohredt2000>

I have an Autek HF analyzer, and have tried it side by side with the 259 and 259B from MFJ. Both are fine units. One of my clubs has had both MFJ models replacing the 259 when the B model came out. They are our loaner test equipment. The accuracy in the optimum ranges seems well within 5 per cent for both. Plenty good for amateur band use.

The Autek is smaller, and uses one battery, 9v. The MFJ is larger, heavier, and is being replaced by the 269 model. It requires several flashlight cells. It would be awkward to carry up a tower to check a beam. However there is a case with strap available.

The MFJ also has, besides the digital display, analog meters for SWR and total impedance. The analog meter is easier to see an SWR dip, while tuning across a band.

The MFJ has a bandswitch, while the Autek has a band control pushbutton. The Autek can alternate its display between two functions like frequency and SWR, while the MFJ calls up one function at a time. The Autek has pushbuttons for each mode, L, C, SWR, etc.

The Autek goes above 10m, but not to 6m; while the MFJ goes to VHF high band above 2m.

Autek does sell another small model, in same small case size, that does not only 35MHz up for 6 and 2m, but also goes to 440 Mhz.

OK, if you are a tower climber you need both Auteks for HF and to do VHF to UHF.

If you are a ground antenna tester and do not go above 2m, the MFJ does the job nicely. However, there is a UHF model MFJ to augment the 259 series.

With 1% precision components, I did simple L and C evaluations of both, and they measured the same values for my parts. I also have used both on HF antennas and gotten the same answer from both. Thus, if you are skilled at using a digital display to see a minimum number, the Autek will work just fine, on a cheaper battery, and in a smaller case than MFJ.

If you do everything by looking for an SWR min, then the analog display of the MFJ will be the more comfortable to you. There are neat advanced features like figuring L and C that you can do with only one button push each on Autek, but take more control juggling on MFJ. Both will do things like find the velocity factor of a line, with a little math.

Both can be turned into grid dip meters by fabricating a couple of coils from the MJF web site. However, since the coils act across a 50 ohm bridge, you do not get sharp and distinct dips like the true GDO. Everything you did short of dipping an LC tank by induction you can do by direct connection of either Analyzer. The main benefit of both is accurate frequency measurement. The Autek tunes a little faster than most would like, but includes a fine tuning vernier for the exact touch. With practice, I can do all my Autek tuning with the main fast knob, and that has been a time saver. Just takes a delicate rotation, and it will be almost as close as doing both knobs. Close enough for most antenna work. Where you are in the segment of the band you wanted is good enough. You can always set both units to a frequency exactly, and trim the antenna to resonance, if you know it is long to start with.

Bottom line, as of several years, I can see no clear advantage if you do antennas all the way from 160 to 10m only. If you do a lot of VHF-UHF antennas, you may not want to have to have two boxes from Autek. The VHF one is pricier than the HF one. It is too bad they did not have the same coverage, but Autek crammed a lot into a shirt pocket size plastic box. The MFJ is a metal box, but not very thick material, I have seen some bent. Neither comes with schematic, there is a lot of proprietary tweaking in each

of them. I have worked and fixed a connector problem on my Autek, but I am used to miniature circuits commercially. It was a board to board plug problem, not lining up right. A pin was actually too long. The MFJ is pretty busy inside, and likely you would not be able to fix much there.

Guess I would say, as to which company is "it depends". Be sure to try out the units if you can before you decide. I think the controls use is very subjective, and neither is totally user friendly in my book. And my book is big on user friendly. But, I don't like the modern 3 buttons do all programming 2m HTs either! :-)

I like intuitive front panels!
72,
Stuart K5KVH

Date: Thu, 25 Jan 2001 08:17:28 -0500
From: "Walt Amos" <k8cv@netzero.net>
To: "Posts Qrp-1" <qrp-1@lehigh.edu>
Subject: [89791] Balloon stuff
Message-ID: <000001c08732\$43717f00\$f5891b26@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What about when it breaks away and fly's across town or a state or two and drapes it's self across some power lines and little junior finds it and tries to grab the wire and pull it down? POW!!

Anybody thought of that?

Good publicity for ham radio.

Walt K8CV

Shop online without a credit card
<http://www.rocketcash.com>
RocketCash, a NetZero subsidiary

Date: Thu, 25 Jan 2001 16:52:30 -0800
From: "W7TRX" <w7trx@mindspring.com>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89792] Re: Stop the Butting in.. Re: 6m QRP call freq

Message-ID: <002301c08732\$439310c0\$a12579a5@de11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul,

This has been a civilized discussion. There has been no arguing or name calling. All quite gentlemanly I'd say (Up till this point). I'm sorry you don't enjoy the topic. Frankly because you don't give a damn means you have stumbled into the wrong discussion. I do call CQ on 6m. I do post to the news groups and reflectors. I also lurk there. I do a lot of different things. I happen to like low power VHF communications. I think it would be fun to have a freq that would allow others of similar interest to connect up more easily. Nothing more, nothing less. I'll still use 50.125 as my primary call freq. Yes, I'll still try to stir up interest and activity in Low Power VHF. Yes, I'll still try to stir up interest in 6m activity.

I don't mean to be rude here, just honest. Your attitude I find to be quite un-friendly. I find your advice to be un-helpful. Frankly I don't need you telling me when I should be on the radio and when I should be posting (the band here is quite dead at the moment anyway). I don't need you deciding for me which topics have sufficient merit for ongoing discussion. If you don't care for the discussion, delete, filter, or move on. To harass those that see merit in the discussion is inappropriate and not appreciated.

Sincerely,

Tracy, W7TRX

----- Original Message -----

From: Paul R. Valko <prvalko@oakland.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, January 25, 2001 4:07 PM
Subject: Stop the madness... Re: 6m QRP call freq

>
> On Thu, 25 Jan 2001, W7TRX wrote:
>
> > What really needs to happen is to get some agreement on a 6m qrp freq
> > between 50.125 and 50.200.
>
> I'll go on record and suggest 50.125
>
> "Oh!" you exclaim, "that's already a six meter calling frequency!"

>
> Fine. Get on it and call CQ then. Phone or CW, QRP or QRO because
> frankly my dear, I don't give a damn. All I know is I have a \$1500 radio
> sitting in the basement listening to the band and there's no activity
> because everyone who COULD be calling CQ is on the Internet arguing about
> WHERE they should call CQ.
>
> I don't want to go on a rant here, but when did talking about doing
> something become more important than doing it?
>
> But that's just my opinion, I could be wrong.
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics.
> Visit the Virtual Ten*Tec Museum at:
> <<http://www.acs.oakland.edu/~prvalko>>
>
>

Date: Thu, 25 Jan 2001 16:53:57 -0800
From: Mighty Mik <mightymik2@home.com>
To: kd7s@psnw.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89793] OT: Re: MegaConverter
Message-ID: <5.0.0.25.0.20010125165019.01b78770@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:24 PM 1/25/01 -0800, you wrote:

>Friends,
>
>I just read about this interesting web site on my 'boomerang' list
>server. You can convert almost anything to anything else. For example,
>US shoe sizes to UK shoe standards, or how about wedding ring sizes or
>weights and measures and so on. How about this? It takes 568 3 penny
>nails to make a pound. One watt equals 0.00134 horesepower. Go play
>with it it's fun.

one i didn't find...fuel consumption. The Europeans use xx liters/100
kilometers as opposed to xx miles / gallon. anyone know a quick conversion
factor?

><http://www.megaconverter.com/>
>--

>-----
>Bill Jones - KD7S <><
>Sanger, California
><http://www.psnw.com/~kd7s/>
>-----

Date: Thu, 25 Jan 2001 16:59:36 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89794] Re: Analyzer comparisons
Message-ID: <3A70CBF7.79C96C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stuart Rohre wrote:

>
> I have an Autek HF analyzer, and have tried it side by side with the 259 and
> 259B from MFJ. Both are fine units. One of my clubs has had both MFJ
> models replacing the 259 when the B model came out. They are our loaner
> test equipment. The accuracy in the optimum ranges seems well within 5 per
> cent for both. Plenty good for amateur band use.
>

Excellent and right on review, Stuart. I have the VA-1 from Autek and
it is especially nice when on a roof and for qrp portable work with
antennas, etc. I also have a 259 and it's good. But it takes 8 AA
batteries, a bit of a load.

Autek now sells a reasonably nice belt case for the RF-1/VA-1; I think
the "Pouch" folks make it.

73, Phil W7OX

Date: Thu, 25 Jan 2001 17:03:46 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: k8cv@netzero.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89795] Re: Balloon stuff
Message-ID: <3A70CCF2.7FF2CBC1@earthlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Walt Amos wrote:

>
> What about when it breaks away and fly's across town or a state or two and
> drapes it's self across some power lines and little junior finds it and
> tries to grab the wire and pull it down? POW!!
>
> Anybody thought of that?
>

Only one solution: Non-conducting antennas. And no call letters or club names on the balloon!

Seriously, I've never used nor seen used a balloon for an antenna. But it would be proudent to include one or two rope tie-downs, not just the antenna, to keep it in place.

73, Phil W7OX

Date: Thu, 25 Jan 2001 14:13:10 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <brad.mugleston@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89796] Re: Antenna for 160
Message-ID: <200101251901.0AA29830@mail1.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 1/25/01 11:25, Mugleston, Brad at brad.mugleston@gwl.com wrote:

>I have the opportunity this weekend to help string an antenna for 160M from
>the top of a two story building to the top of a new very large grain silo.
>
>I need some recommendations as to configuration. First as a 160M only
>antenna and second as a multi band antenna.

Depends on how high the silos are.

The rule of thumb is that for a horizontal antenna, the most important dimension is the height above ground in wavelengths. For 160m, half wave is 135 feet. So, unless you can get an antenna up that high or higher, a

horizontal dipole isn't recommended.

W8JI has a huge signal on 160m from this part of the country, and he uses a variety of antennas. However, Tom has found that his verticals work better than the 300 foot high dipole (you read that right) in all but one case (that's a rare opening just after sunrise on the darkness path).

So, think about some sort of vertical antenna. With limited height, an Inverted L is the antenna of choice. If you have higher supports, a sloping vertical works. NQ4I has a good signal on 160m, and he uses a set of 3 sloping dipoles arranged around a tower. I had one guy ask me what antenna I was using during a contest at NQ4I. I told him, and he remarked that the signal changed 20 dB when I switched dipoles.

Any vertical antenna will have to work against radials. If you ground-mount radials, try to use at least 30 to 60 evenly spaced 1/4 wave radials. (Those guys are 70 some feet each on 160m) If you elevate them, you can get away with fewer, but ground mounting around 60 or so radials works best.

>Don't think we have enough supports to do more than a sloping wire.

A sloping vertical, or sloping dipole will work great on 160m.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Thu, 25 Jan 2001 17:14:22 -0800 (PST)

From: H Weinstein <k3hw@yahoo.com>

To: qrp-l@lehigh.edu

Subject: [89797] Device to locate a break in a coax - it's called a TDR

Message-ID: <20010126011422.29513.qmail@web4306.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

QRPers,

It's called a Time Domain Reflectometer or TDR is the acronym. Been around for years - use them all the time - getting cheaper all the time...

Then End

de K3HW

--- Mike Yettsko <myetsko@insydesw.com> wrote:

- > That sorta works, but looking for an impedance bump is
- > better.
- >
- > It's easy, IF you have a scope.
- >
- > Just pulse the line when it is terminated in it's characteristic
- > impedance.
- >
- > If the line is good, you should see a nice clean pulse on the
- > scope right at the feed point. If there is a break or an open,
- > you will see an anomaly, either the pulse steps up or down.
- >
- > The TIME from the start of the pulse to where you see the
- > anomaly is the ROUND TRIP time to the impedance
- > bump. You can measure that back based on the velocity
- > factor of the cable. If you're not sure, take a good piece
- > of the same cable, and make sure there are no 'bumps' in it.
- > Then UNterminate the far end. Check you round trip time
- > to the measured length of the line.
- >
- > You need a VERY clean leading edge on the pulse.
- >
- > Radio Shack, years ago, used to stock a TDR kit for their
- > techs in National Parts. Then Tom King (KD5HM at the time)
- > wrote an article about it for one of the HAM magazines (about
- > 1983 I think) and RS sold out of the kits in a week or so.
- > They had another (or three or four) production runs of the
- > kit. But basically it was a 555 with a super fast output
- > driver to make a clean pulse.
- >
- > Mike
- >
- > ----- Original Message -----
- > From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
- > Sent: Thursday, January 25, 2001 1:02 PM
- > Subject: Device to locate a break in a coax
- >
- >
- > > I saw a neat little circuit in the latest Electronic Design magazine to
- > > locate a break in a coax. The idea is that an open section of coax has
- > > a
- > > characteristic capacitance per foot, and that an audio oscillator using
- > > a
- > > simple 555 can be built to vary its oscillation rate based upon the
- > > capacitance seen on the open section of coax. The oscillator frequency
- > > can

> > be calibrated using known capacitor values.
> >
> > Then, knowing the frequency, you can calculate the capacitance of the
> line.
> > > From this C value, the length to the open can be determined by dividing
> this
> > measured C by the characteristic C per foot for that line. I think one
> type
> > of RG58 is about 29 pf per foot to give you a ball park range of what
> can
> > expected.
> >
> > For those of you with C meters, you simply need to measure C directly.
> >
> > It seems like this should be obvious, but I thought it was a neat idea.
> >
> > - Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions
> >
>

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<http://auctions.yahoo.com/>

Date: Thu, 25 Jan 2001 19:46:07 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [89798] Tuner losses, Balloons, moisture in wire, oxidation
Message-ID: <01C08707.764184A0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'm not sure exactly what the fine parts of the tuner loss arguments are.
Surely, tuners have loss. Sometimes negligible and occasionally
significant, but giving the transmitter a good match is always good. Hope
that's not too controversial.

I thought I'd calculate the loss in a real life situation--my 160 meter
inverted L. First, it's not too tough to use the antenna analyzer, or
shareware version of ELNEC or some other program or graph to get the complex
impedance at the feed point. Then come up with a matcher. I used a C-L-C
tee network. I took the easy route and used the "TL" program supplied with

the 2000 ARRL Handbook to give me some values that work. I put the matcher at the feedpoint so I didn't have to figure the impedance conversion done by the feedline.

I said "I though I'd calculate", but I sorta cheated. Turns out the "TL" program also calculates tuner losses. Of course, it assumes certain typical values of Q, unless you input specific ones. Turned out my matcher had 48% loss. (Probably more, cause my inductor is a toroid.) Wow! Of course, I'm not saying this is a typical load. The inverted L is far from resonant on 160. It would be interesting to gin up some values for say, a 40 meter dipole operated 200 KHz away from resonance.

Another thing to note--by choosing different values for the T-matcher, losses could be cut to 10% or so. I think I chose the ones I'm using because they give me better hi-pass performance in dealing with broadcast overload on 160.

Balloons--just my opinion, but I can't see that they'd be a big hazard to navigation unless you set up right on a landing flight path or something. The part about the wire hitting a power line is scary, though. I don't think I'd use a balloon antenna very close to any power lines.

Moisture in wire--again my opinion and personnel observations. It seems pretty rare for moisture to infiltrate insulated wire and cause it to oxidize. My unscientific test performed after I got home from work today was to look around in the back yard for some wire sticking out of the ground. (There ought to be lots of it--a ham lives here.) Had to settle for a piece of coax that had been lying half buried in the mud since August. (Occasionally dry, occasionally submerged.) The end was cut off--no connector, no tape. I took the last three inches and stripped it. Everything is bright shiny copper right to the end. Both the braid and the uncoated copper conductor. BTW--before I left it lying on the ground, I'm pretty sure it had seen at least ten years of outdoor service. And it rains and gets pretty humid in Arkansas.

Not saying this moisture infiltration stuff never happens, just that it's not so pervasive and it's not really anything to worry about. Yes, seal or tape up your connections. It's good practice.

Oxidation. Is it an observed fact or just a theory that normal oxidation (the wire turns brown, generally) of bare copper increases losses to any significant extent? And I don't think oxidation is gonna cause noise.

Yes, a *joint* between two different (or maybe even similar) metals where one or both have oxidized can cause rectification, but I don't see how surface corrosion along a conductor is going to give rectification.

There, got all the skepticism out of my system. Thanks, list.

72--Nick, WA5BDU

Date: Thu, 25 Jan 2001 20:47:40 EST
From: NA1XX@aol.com
To: qrp-1@lehigh.edu
Subject: [89799] TMPs: Good QSO AB8DF de NA1XX
Message-ID: <96.f2c3cf8.27a2313c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

NA1XX Mike, North Weymouth MA,
Index Lab QRP+ at 4 watts to 80 meter dipole
worked
AB8DF, Ed, Waterford MI, 2 watts SST and dipole
RST 568/578
on 10.114 MHz
at 0110 GMT Jan 26 2001
distance 768 miles
Solid copy for 20 minutes, then deep QSB.
Ed, I lost you in the QRN at the end. Thanks for the contact!

72

NA1XX
Mike Connelly
North Weymouth MA
QRP-L # 1588
"When All Else Fails ... CW."

Date: Thu, 25 Jan 2001 18:03:24 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Michael Goins <mgoins@usa.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89800] Re: Ft. Tuthill information
Message-ID: <20010125180324.A1507@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

The web site isn't up yet, but should be at:

<http://www.phx-az.com/arca/>

72, Bob N7XY

On Thu, Jan 25, 2001 at 07:20:35PM -0500, Michael Goins wrote:

> Hi gang,

>

> I need some information on the Ft. Tuthill gathering and I'm sure there is a
> website somewhere with all the info on it. Anyone have an address?

>

> mike

> wb5yjx

>

>

> -----
> Get free email and a permanent address at <http://www.amexmail.com/?A=1>

--

Bob Nielsen, N7XY

nielsen@oz.net

Bainbridge Island, WA

<http://www.oz.net/~nielsen>

Date: Thu, 25 Jan 2001 21:32:01 -0500

From: "Don Wilhelm" <w3fpr@arrl.net>

To: <EI6IZ@oceanfree.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [89801] Re: About Tuner Losses.

Message-ID: <005401c08740\$7f9fa700\$b4b8183f@dbw11main>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Brendan and all,

Usually the resistance of the wire in a coil causes the most loss, even with a non-tunable coil. Adding a coil that is tuneable adds another potential source of resistance in the contact.

Given that a coil IS to be tunable, lower contact resistance will help reduce loss, but it will not increase the intrinsic Q of the coil itself. (The Q of the coil is a characteristic of the coil itself, connection resistance is yet another parameter).

So it is even better to design a tuner with no adjustable coils and use really good quality switches or other contacts.

The plain simple fact is that inductors will contribute more loss than capacitors, so designs with physically large inductors with fat wires will likely have less loss because of the decreased resistance.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:

<http://www.w3fpr.webprovider.com>

QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "Brendan Minish" <EI6IZ@oceanfree.net>

> ...

> It's just a thought but is there any reason (besides space) why a variable
> inductor in a tuning unit cannot be made in the same way as variable coil
> in a screwdriver antenna.

> ...

> Would this produce a higher Q variable inductor and if so would it be a
> worthwhile improvement over the roller coaster type of variable inductor
> commonly used in ATU's ?

>

>

Date: Fri, 26 Jan 2001 03:28:29

From: "Bruce Prior" <n7rr@hotmail.com>

To: unlisted-recipients;; (no To-header on input)

Subject: [89802] FT-817 Laminated Quick-Reference Vade Mecum Card Sets Available

Message-ID: <F13UtI9dm5UxP9Fekza00000cc3@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

What s a vade mecum? Vade mecum means literally "go with me" in Latin. According to Webster s New World Dictionary, it is "something carried about by a person for constant use, reference, etc., as a handbook or manual." These FT-817 vade mecums are two bright green laminated quick-reference cards which are printed on both sides, summarizing all operations except those which would be very unlikely to be used in the field.

These vade mecums summarize the FT-817 "bells and whistles" for operators who want to learn more about it before buying the rig. As field tools, the vade mecums are intended for owners who have already read the FT-817 Operating Manual. They do not include specifications, installation instructions for accessories and options, satellite operation pre-programming, cloning instructions or CAT system programming.

Vade Mecum Magnum

The Vade Mecum Magnum includes some operations, such as clearing a single memory register, which are not documented in the FT-817 Operating Manual,

and it generally makes the rig much easier to use without constantly hunting through the official manual. The Vade Mecum Magnum is 7.25 x 10.25 inches and is divided into four sections:

-- Basic Controls

The most important uses for each button, switch and knob on the FT-817 and the MH-31 dynamic microphone are summarized.

-- Operating Menu

The operating menu is used for 33 items or functions which are commonly changed during day-to-day operation. It is accessed by pressing the F button for one beep, rotating the SEL knob to one of 12 positions, then pressing buttons A, B or C to select the appropriate item.

-- Customizing Menu

The customizing menu is used for 57 items or functions which are only occasionally changed after an operator has configured the FT-817 for a particular location or style of operation. It is accessed by pressing and holding the F button for two beeps. The 57 items are consecutively numbered and are called up by rotating the SEL knob. Selection of variable settings is usually carried out by rotating the DIAL. In item 35 the SEL button needs to be pressed and then rotated to carry out the naming of a memory register.

-- Power-Saving Settings

The FT-817 is designed as a backpacker rig. Since battery life is an important factor in portable operation away from commercial AC or motor vehicle power, the rig can be specially configured for minimizing current drain. This section gives a checklist of power-saving settings which can be used together or singly.

Vade Mecum Minorum

The Vade Mecum Minorum is much smaller (3.5 x 4 inches) and it covers the Operating Menu and Customizing Menu in a more abbreviated form than in the Vade Mecum Magnum. Once an operator becomes very familiar with the rig, this little card may be the only reference needed for field operations.

Ordering Information

The two laminated Yaesu FT-817 Vade Mecum cards are available for immediate shipment from Bruce Prior, 853 Alder Street, Blaine, WA 98230-8030 USA. The price is US\$6.00 for each set plus US\$1.00 shipping and handling to Canada, USA or Mexico. Shipping and handling is US\$3.00 for the rest of the

world. Washington State residents please add US\$0.55 sales tax per set. For quantities of 10 or more sets, the price is US\$3.00 per set including shipping.

73, Bruce Prior, N7RR

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Fri, 26 Jan 2001 03:36:43
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [89803] Inductance meter from Handbook
Message-ID: <F141HusMjQHtMFaukyC00000739@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I am thinking of building the circuit from the 2000 handbook to measure inductance with a digital volt meter. It uses a quad 2 input NAND gate chip listed as a 75HC132. Is that a misprint? Should it really be a 74HC132? I tried a 74LS132 I had, but it would not oscillate. Has anyone built and used this circuit? How accurate/stable is it? Thanks!

73 - Mike WA8BXN

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 25 Jan 2001 22:36:58 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: n8pvz@arrl.net
Cc: ft-817@egroups.com, qrp-1@lehigh.edu
Subject: [89804] Re: [89641] PSK31 Interface for Yaesu FT-817
Message-ID: <200101260336.WAA07064@panix6.panix.com>

Check <http://www.buckscommco.com/>

He sells kits, and will sell them assembled, also. They're cute, seem to work, and are simple to put together. I believe the one for the FT100D should also work with the 817, but CHECK THAT OUT, since I've got neither.

73, doug

Date: Wed, 24 Jan 2001 19:16:06 -0500
From: "Bernard F. Gaffney, Jr." <n8pvz@arrl.net>
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone have a source for wired and assembled PSK31 interfaces for use with the Yaesu FT-817? I'm looking for a completely assembled, Plug-n-Play type unit, ready to go out of the box. I just don't have the time/ambition to assemble a kit myself. The one source I found on the WEB for interfaces may not have an assembled version for the 817. No replys back from my email inquiries about the availability of the assembled versions...so am looking elsewhere. I've ruled out the Rig-Blaster, as I want one that connects into the data jack, rather than the mic jack.

Any assistance will be appreciated.

Please reply to me directly, rather than tieing up list bandwidth.

Tnx.

72 de N8PVZ

---bernie

Bernard F. Gaffney, Jr. N8PVZ
MI-QRP# M-1152 QRP-ARCI# 9446
n8pvz@arrl.net
<http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/>
Searching for Gaffney, Gascho, Moers, and Hetzer

Date: Fri, 26 Jan 2001 04:16:35 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [89805] Ft. Smith and Atlanticon and QRP ARCI QQ and QRPP
Message-ID: <5.0.2.1.0.20010126040951.009fcc20@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Doug,

Asked about the cases at Ft. Smith. I will have samples of my work at Atlanticon and at Ft. Smith.

Both Jim Kortge, K8IQY, and I will have our Iowa QRP-10's at Atlanticon for show and tell.

I just got my issue of the Jan QRP ARCI Quarterly. I almost didn't recognize it with the full color cover. I thought it was something someone from Motorola had sent me to look at as a new journal. :-)

One question that I have though, but it may be the old eyes missed it. Where was the cover pic taken? who are those guys? and how do I get time on the dome in the back???? :-)

Another great issue from NorCal and Doug Hendricks, KI6DS, and the crew on the left coast.

And here is the kicker. I just received 5,000 emails backlog that was held up since May of last year. No wonder some of you thought I was ignoring you. I have my work cut out for me.... :-) Good thing I can read faster than I can do CW.

Back to 30 meters. The band is hot today.

FYI es dit dit

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

TMPS-2001 Jan 26, 2001 Q's = 46 States = 22 Counties = 42 DXCC = 4
SWL-30 with CMOS 3 keyer and Vibroplex Code Warrior Paddle 0.500W and vee-beam
ID TX LA CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI MN (in order
worked)
DXCC --- K XE VE KH6

Date: Thu, 25 Jan 2001 23:34:35 EST
From: DYARNES@aol.com
To: fantbb@yahoo.com, qrp-1@lehigh.edu
Subject: [89806] Re: ARRL and Morse Code??
Message-ID: <a8.1040ef7b.27a2585b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 1/25/01 11:45:59 AM US Mountain Standard Time,
fantbb@yahoo.com writes:

<< I mean after the ARRL single
handedly destroyed the US electronic industry >>

They did what????? What in the world are you smoking???

Dave W7AQK

Date: Thu, 25 Jan 2001 22:16:11 -0700
From: "Kevin Nathan" <k7rx@uswest.net>
To: <qrp-l@lehigh.edu>
Subject: [89807] Telescopic Whip
Message-ID: <005401c08757\$19af5780\$0300000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Well, you guys give me such good advice and assistance on everything else,
I'm going to turn to you again. I want to try to build a baseloaded 20
meter vertical to use with my Norcal 20. I want to build this small enough
to easily fit in a suitcase or even briefcase. The one component I need to
really finish my design is some kind of telescopic whip which can be
extended to somewhere around four feet or greater and which will collapse to
less than 20 inches. I would like the base to have either a nut which could
be screwed onto a bolt at the end of the coil or it could end in a threaded
stud so I could reverse the process. The only thing I've been able to find
around here is a replacement car antenna which only telescopes to 27 inches
or so. Too long! If anyone on this list can point me to a source for such
a whip I would be very grateful.

Thanks much and 72.
Kevin, K7RX

Date: Fri, 26 Jan 2001 07:51:43 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [89808] Re: 30m Help!
Message-ID: <G7R9IE00.9D2@mail.usd.edu>

Hi George:

An RX Bridge will do the job of separating resistive and reactive components to permit finding resonant frequency. But you'll need a receiver to monitor the procedure. MFJ the "cadillac", the "SWR ANALYZER" at around \$260.

72, Ade

I need some suggestions about test equipment for measuring antennas and coax line. Back in my earlier years we used a grid-dip oscillator. But today what is the best piece of equipment to measure the resonant frequency of a dipole? and to determine the electrical length of a piece of coax? If you have suggestions as to what to buy / build I would appreciate your suggestions. I'm looking to put up a simple though efficient antenna, so if you have suggestions other than a dipole, let me hear about those also.

Thanks.

George Reeves
WA4TNU

Date: Fri, 26 Jan 2001 01:03:01 EST
From: W2SH@aol.com
To: qrp-l@lehigh.edu
Cc: k7qo@primenet.com
Subject: [89809] Re: Anodizing aluminum
Message-ID: <48.10a18eb2.27a26d15@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For a low-tech approach to doing this, see <<It's a Pretty Pickle>> in QST for May 1950. Nothing fancy or expensive. Uses household lye, and if you want pretty colors, you add food colorings. Both products should be obtainable in any supermarket.

GL,

Charles, W2SH

Date: Thu, 25 Jan 2001 22:17:29 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: k7rx@uswest.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89810] Re: Telescopic Whip
Message-ID: <3A711679.FDB2173D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Nathan wrote:

>
> Hi All,
>
> Well, you guys give me such good advice and assistance on everything else,
> I'm going to turn to you again. I want to try to build a baseloaded 20
> meter vertical to use with my Norcal 20.

If you're not in love with building it yourself, Superantennas has two models which are very portable. The radiator is a series of rods that screw together .. each one foot long.

<http://www.superantennas.com/>

Phil W7OX

Date: Thu, 25 Jan 2001 21:28:01 +0000
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <mel@euramcom.freemove.co.uk>
Cc: <qrp-1@lehigh.edu>
Subject: [89811] Re: Device to locate a break in a coax
Message-ID: <E14M2j5-0002Ub-00.2001-01-26-06-51-16@cmailg5.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Thu, 25 Jan 2001 20:23:30 +0000, Euramcom wrote:
>On Thu, 25 Jan 2001 11:02:41 -0700, dan.tayloe@motorola.com=
wrote:
>>I saw a neat little circuit in the latest Electronic Design
magazine
>>to
>>locate a break in a coax. The idea is that an open section of=
coax

>>has a
>>characteristic capacitance per foot, and that an audio=
oscillator
>>using a
>>simple 555 can be built to vary its oscillation rate based upon=
the
>>capacitance seen on the open section of coax. The oscillator
>>frequency can
>>be calibrated using known capacitor values.
>>
>>Then, knowing the frequency, you can calculate the capacitance=
of
>>the line.
>>>From this C value, the length to the open can be determined=
by
>>>dividing this
>>measured C by the characteristic C per foot for that line. I=
think
>>one type
>>of RG58 is about 29 pf per foot to give you a ball park range=
of
>>what can
>>expected.
>>
>>For those of you with C meters, you simply need to measure C
>>directly.
>>
>>It seems like this should be obvious, but I thought it was a=
neat
>>idea.
>>
>>- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions
>
>Hi Dan, and Gangue,
>
>This is just one of various techniques used to find both breaks=
and
>shorts in power lines by power companies. Here in the Uk we have=
a
>"Test Van" which is a panel van with various bits of kit=
inside.
>
>This can be configured to measure the velocity factor, the
>capacitance per foot of almost any type of cable, co-axial,=
paired,
>single (against ground) and so on. Then using capacitance=
discharges
>(up to 40kV, keep fingers out!) the test gear will fire a pulse=

down
>the line which will "bounce" back. Measure the time taken, half=
it,
>cross reference it to the average velocity factor and BINGO,=
you
>have
>a distance to fault, either open or shorted.
>
>Of course, in practice this takes time and is not really as easy=
as
>above, but the principle remains the same.
>
>To make the above idea work most successfully with ham co-ax,=
the
>best bet would be to measure the co-ax as it goes up, (a known
>length
>then) and take a capacitance reading, and note it somewhere. In=
the
>event of a fault, then re-measure and do the simple maths.=
Original
>length 100 ft, capacitance 3000pf. Capacitance in fault=
condition
>1200pf, fault should be about 36ft from measuring point.
>
>Regards
>
>mel
>
>
>--72 and 73 de Mel Evans, e-mail mel@euramcom.freemove.co.uk
>
>Mel Evans GM6JAG Edinburgh Scotland
>Home of the last HW9
>
>Visit <http://www.euramcom.freemove.co.uk> for
>US Euro Ham Radio Equivalent Parts and info,
>Add-a-Link page let's you add your own pages instantly

--72 and 73 de Mel Evans, e-mail mel@euramcom.freemove.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freemove.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Fri, 26 Jan 2001 02:04:31 -0600
From: "Gordon Couger" <gcouger@couger.com>
To: <W2SH@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89812] Re: Anodizing aluminum
Message-ID: <06ab01c0876e\$9d889460\$5aa8413f@home.xxx>

I think you have your chemicals wrong. Lye eats up aluminum at a very fast rate. The way I have always seen it done is with sulfuric acid and a power supply, battery charger or welder depending on the size of the aluminum. I forget the polarity and current density. You can use RIT dyes from the fabric store and don't try to get black a muddy gray is the best you will do. Light colors work the best.

I saw it Ham Radio in the 70's.

Gordon W5RED
G. C. Couger gcouger@provalue.net Stillwater, OK

----- Original Message -----
From: <W2SH@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 26, 2001 12:03 AM
Subject: Re: Anodizing aluminum

> For a low-tech approach to doing this, see <<It's a Pretty Pickle>> in
> QST
> for May 1950. Nothing fancy or expensive. Uses household lye, and if
> you
> want pretty colors, you add food colorings. Both products should be
> obtainable in any supermarket.
>
> GL,
>
> Charles, W2SH

Date: Fri, 26 Jan 2001 08:30:54
From: "Leon Heller" <leon_heller@hotmail.com>

To: hubby2k@hotmail.com, qrp-1@Lehigh.EDU
Subject: [89813] Re: Inductance meter from Handbook
Message-ID: <F264Z1J2HxYHLBQhExk000008b3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>I am thinking of building the circuit from the 2000 handbook to measure
>inductance with a digital volt meter. It uses a quad 2 input NAND gate chip
>listed as a 75HC132. Is that a misprint? Should it really be a 74HC132? I
>tried a 74LS132 I had, but it would not oscillate. Has anyone built and
>used
>this circuit? How accurate/stable is it? Thanks!

It would be a 74HC132. An LS part probably won't work, as the I/O characteristics are different.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Fri, 26 Jan 2001 04:13:19 -0600
From: Don <dwitttlic@apci.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89814] Re: Antenna analyzers Vectronics on sale
Message-ID: <3A714DBF.E4123A18@apci.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With the discussion of analyzers, I thought you would be interested:

The Jan 2001 monthly Radio Shack flyer shows a Vectronics model VEC-584B antenna analyzer.

>From the description it sounds similar to an MFJ 259B, and is marked down in price to 149.95, regular 229.95. it is Catalog # 940-0683. To see the ad, you can start with www.radioshack.com and follow menu to "more web specials" or go to this URL.

[http://www.radioshack.com/category.asp?](http://www.radioshack.com/category.asp?catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3)

[catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3](http://www.radioshack.com/category.asp?catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3)

I have no connection or interest with the product or company.

73,

Don WN9V

Michael Melland wrote:

>

> > I have seen many references to the MFJ-259B antenna analyzer on this
> > reflector. What is the consensus of the group as to the merits of this
> > analyzer, versus the Autek VA1 analyzer, other than the Autek is
> > about \$50

> > cheaper? I haven't had the opportunity to play with either unit. The
> > advertising hype leaves some confusion in this already confused mind...

>

> I had a MFJ-259 since 1997 and found it to be very useful. This was the non
> "B" version so it didn't provide quite as much information to the user as
> the newer one. I've used the newer "B" version and the Autek as well and
> found them equally useful. That said, I'm selling my 259 because I just
> purchased an AEA CIA-HF (vector impedance analyzer) which is a high end
> graphing antenna analyzer that has advanced capabilities galore including
> the ability to plot and graph a swept frequency range antenna readings. Lots
> of features.... VERY accurate readings and can be interfaced with their
> antenna software to your computer (laptop or desk) to store the plots/graphs
> of swr/impedance, etc.... It can even make Smith Charts for you with the
> stored readings via the computer and you can then print everything off.....
> amazing !

>

> It's not for everyone as it's expensive. Most hams probably won't ever use
> all its capabilities... but if you are looking at real "test instrument"
> quality and can part with \$400.00 + I think it's worth it. But..... most
> hams may be better served with the less expensive options available. Don't
> fall for that line from one manufacturer about other analyzers not showing
> "the sign of X". As stated perviously in a post finding that out isn't
> brain surgery. BTW all of these devices have problems if used in a strong
> RF field and can suffer damage. Like in proximity to a BC station....

>

> 72/73 de Mike, W9WIS

Date: Fri, 26 Jan 2001 06:50:40 -0500
From: "N3BJ" <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89815] Re: Balloon stuff
Message-ID: <001501c0878e\$36457000\$72c3323f@pavilion>

Due to the wind, a tag line is usually necessary to keep the balloon from
tacking over and to keep the wire fairly vertical.

Alan, N3BJ

----- Original Message -----
From: Phil Wheeler <w7ox@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, January 25, 2001 20:03
Subject: Re: Balloon stuff

>
>
> Walt Amos wrote:
> >
> > What about when it breaks away and fly's across town or a state or two
> and
> > drapes it's self across some power lines and little junior finds it and
> > tries to grab the wire and pull it down? POW!!
> >
> > Anybody thought of that?
> >
>
> Only one solution: Non-conducting antennas. And no call letters or club
> names on the balloon!
>
> Seriously, I've never used nor seen used a balloon for an antenna. But
> it would be proudent to include one or two rope tie-downs, not just the
> antenna, to keep it in place.
>
> 73, Phil W7OX
>

Date: Fri, 26 Jan 2001 06:54:57 -0500
From: "neil" <ntan@crosslink.net>

To: qrp-1@Lehigh.EDU
Subject: [89816] Re: Bravo.....
Message-ID: <200101261155.GAA11920@lycanthrope.crosslink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I second that....

Great job!

Neil wa4chq

<http://www.qsl.net/wa4chq>

-- This mail was written by user of The Arachne Browser

--

-- Arachne V1.70, NON-COMMERCIAL copy, <http://arachne.cz/>

Date: Fri, 26 Jan 2001 06:56:39 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [89817] 6m Tip
Message-ID: <20010126.070247.-77487.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Six the 'MAGIC" band is not always open,
in fact,
most always six is NOT open here for skip (DX).

When IS six open?

. . . The de facto "6 meter" DX Alert Freq. is 28.885,
28.495 is also used,
YES that is twenty-eight MHz.

The 6 meter North American "Calling Freq" is
50.125 Local and
50.110 DX and
has been for many y e a r s . . .

Once contact is established the courteous operator will
move off the "Calling Freq" as quickly as possible.

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 26 Jan 2001 07:02:09 EST

From: K5BDZ@aol.com

To: dwittlic@apci.net, qrp-1@lehigh.edu

Subject: [89818] Re: Antenna analyzers Vectronics on sale

Message-ID: <75.f72dc0e.27a2c141@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 01/26/2001 4:16:50 AM Central Standard Time,
dwittlic@apci.net writes:

<< The Jan 2001 monthly Radio Shack flyer shows a Vectronics
model VEC-584B antenna analyzer.

>From the description it sounds similar to an MFJ 259B, and
is marked down in price to 149.95, regular 229.95. it is
Catalog # 940-0683. To see the ad, you can start with
www.radioshack.com and follow menu to "more web specials" or
go to this URL.

<http://www.radioshack.com/category.asp?catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3> >>

the site has a small picture of the unit on the left. Double click on the
picture and it enlarges to show what appears to be an MFJ unit with
Vectronics name on it.

Bill K5BDZ

Date: Fri, 26 Jan 2001 07:00:41 -0500

From: "N3BJ" <qrpdx@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [89819] FS: HW-9, TAC-1, Epiphyte

Message-ID: <005601c0878f\$9c540900\$72c3323f@pavilion>

Time to lower the inventory some more here...

Heath HW-9, with WARC, works fine, a few minor scuffs, physically a solid

8.5. Brand new MRF-237s, gets 10 watts out on 80-20, about 8 watts on 15, 7 watts on 17 and 6 watts on 10. Original, NO mods, with copy of operating manual and schematic, DC cord.

\$300 shipped

S&S Engineering TAC-1 for 40M, don't think there's a mark on it, just like new. This was factory assembled and has the factory power adjustment mod, 0-8 watts from the rear panel. Internal keyer, audio filter, original manual, perhaps the finest monoband QRP rig ever offered.

\$150 shipped

Epiphyte kit, latest run, unopened.

\$110 shipped

Pix available on request.

Alan, N3BJ
Bent Mountain, VA

Date: Fri, 26 Jan 2001 06:00:14 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <K5BDZ@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89820] Re: Antenna analyzers Vectronics on sale
Message-ID: <Pine.LNX.4.31.0101260557450.862-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill, I looked and it sure has the capability and shape of the MFJ unit. I ordered one and will see next week if it's what I want. Thanks for the pointer.

On Fri, 26 Jan 2001 K5BDZ@aol.com wrote:

> In a message dated 01/26/2001 4:16:50 AM Central Standard Time,
> dwittlic@apci.net writes:
>
> << The Jan 2001 monthly Radio Shack flyer shows a Vectronics

> model VEC-584B antenna analyzer.
> >From the description it sounds similar to an MFJ 259B, and
> is marked down in price to 149.95, regular 229.95. it is
> Catalog # 940-0683. To see the ad, you can start with
> www.radioshack.com and follow menu to "more web specials" or
> go to this URL.
>
> <http://www.radioshack.com/category.asp?catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3> >>
>
> the site has a small picture of the unit on the left. Double click on the
> picture and it enlarges to show what appears to be an MFJ unit with
> Vectronics name on it.
> Bill K5BDZ
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 26 Jan 2001 05:34:51 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89821] Re: 6m Tip
Message-ID: <20010126133451.97347.qmail@web9604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Another good tip for sporadic E is to pay attention to what is happening on 10m. When the skip is very short and you hear stations less than 500 miles away and they are strong - there is probably Es on 6m. This tip is even better for looking for 2m Es openings, because when you hear the same scenario on 6m - listen, well better yet call CQ - one band up.

As for 6m F-skip, well watch the solar flux. A few days consistently near 200 is a good sign, as I found out when i worked HC8N from FM19 here on the east coast. Unfortunately, on VHF there is sometimes propagation and no one to work - as i suspect i could have worked dozens of countries during this opening but no one else was around.

One more comment - QRP does work on VHF - except its a handicap here in FM19 where the pile-ups get big when one of those rarer grids only a few hundred miles pops up on 6m. But I have fun anyway with only about 8w on 6m and 30w on 2m.

Curt WB8YYY

--- John R Kirby <n3aaz-qrp@juno.com> wrote:

>

> When IS six open?

> . . . The de facto "6 meter" DX Alert Freq. is

> 28.885,

> 28.495 is also used,

> YES that is twenty-eight MHz.

>

> The 6 meter North American "Calling Freq" is

> 50.125 Local and

> 50.110 DX and

> has been for many y e a r s . . .

>

Do You Yahoo!?

Yahoo! Auctions - Buy the things you want at great prices.

<http://auctions.yahoo.com/>

Date: Fri, 26 Jan 2001 06:33:44 -0700

From: Thomas Kuehl <ac7a@gci-net.com>

To: dwittlic@apci.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [89822] Re: Antenna analyzers Vectronics on sale

Message-ID: <3A717CB8.4CF0B5CB@gci-net.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

All,

The Vectronics unit looks identical to my MFJ 259B, and the description also fits it exactly. At \$149.95 it is a real bargain from RS. I thought I got a good deal when I paid \$195 from WB0W. It was money well spent even at that

price.

I have owned the Autek RF Analyst as well, and find the MFJ 259B to be a more versatile instrument. Also, a big plus is its ability to handle stronger RF fields than Autek unit. Making measurements at various locations and on several antennas, I found the Autek was easily over loaded by strong, external RF sources. It was particularly bad on 160 meters, though I did have the problem on 40 meters also. When the happens the readings are nonsense.

The '259B hasn't shown the problem when used with the same antennas.

My 2 cents worth.

Thomas - AC7A (Tucson)

Don wrote:

> With the discussion of analyzers, I thought you would be
> interested:
> The Jan 2001 monthly Radio Shack flyer shows a Vectronics
> model VEC-584B antenna analyzer.
> >From the description it sounds similar to an MFJ 259B, and
> is marked down in price to 149.95, regular 229.95. it is
> Catalog # 940-0683. To see the ad, you can start with
> www.radioshack.com and follow menu to "more web specials" or
> go to this URL.
> [http://www.radioshack.com/category.asp?
catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3](http://www.radioshack.com/category.asp?catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3)
>
> I have no connection or interest with the product or
> company.
> 73,
> Don WN9V
>

Date: Fri, 26 Jan 2001 06:59:10 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: qrp-l@Lehigh.EDU, cqclist@egroups.com
Subject: [89823] It's time to join!
Message-ID: <20010126.065913.-399461.1.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

In addition to their support of QRP, the ARRL is the one organization we can thank for amateur radio's actual existence. Ham Radio could use some strengthening and joining the ARRL is the way to do it.

Membership is quick, easy and inexpensive. In addition to their web site (www.arrl.org) they can also be reached at:

American Radio Relay League
225 Main Street
Newington, CT 06111-9965

72s

WB0JNR
<http://www.qsl.net/wb0jnr/>

-

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 26 Jan 2001 08:50:06 -0500
From: Joe Street <jstreet@venus.uwaterloo.ca>
To: Bill ROWLETT <kc4atu@yahoo.com>, qrp-1 <qrp-1@Lehigh.EDU>
Subject: [89824] Re: 30M how about this?
Message-ID: <3A71808E.7C46501A@venus.uwaterloo.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't think you understand. The thread was concerning a way to organize some kind of an event to get more QRP action on the 30 m band. Of course anyone can use the band whenever they like, but by planning something perhaps we could get a real presence of QRP signals on the band instead of the relatively low numbers at present. Obviously a contest type thing is not the way to go, so I suggested a QRP night. I am not one for scheduling contacts but I do get a charge from a QRP to QRP QSO more so than contacting a big gun with stacked yagis. And I

agree that 30 is a prime band for us to be on. Having a scheduled rag chew session would increase the likelihood of that happening is all I was suggesting.

BTW where was everybody last Wednesday??? I only worked a handful of QRP'ers on 30. Ok it was kinda short notice but I hope there will be a better turn out next week. Wednesday at 9:00 pm eastern.

Joe

Bill ROWLETT wrote:

> It seems to me that this is happening now without any
> formal "plan". Why must it be planned. Just get on the
> band and have some fun.
>
> -----
> Do You Yahoo!?
> Yahoo! Auctions - Buy the things you want at great prices.
> <http://auctions.yahoo.com/>

Date: Fri, 26 Jan 2001 08:21:03 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <jstai@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89825] Re: 6m QRP call freq
Message-ID: <200101261324.IAA28488@mail5.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 1/25/01 18:40, Jeff Stai WK6I at jstai@home.com wrote:

>> That's the problem with the current 6m QRP freq. It is in 6m wasteland. Move
>> one down closer to 50.125. No need for it to be too official either. When
>> the band gets rockin' I'm sure that would get tromped on in short order.
>> There are decent QRP call freqs for the other bands. 6m deserves no less!!!
>
> hi Tracy - I somehow missed your intent! Sounds like a great idea.
>
> How about 50.185 SSB and 50.085 CW? Close to the action, but away from
> the main freqs.
>
> I'd recommend against 50.060 for CW - that's right on the edge of the
> US beacon subband.
>
> see ya there sometime! - jeff wk6i

Why not just use the standard 6m calling frequency of 50.125 (or 50.200)?

Years ago, the 6m calling frequency was 50.110. This caused a lot of crowding, especially for phone contacts. An attempt was made to move the calling frequency to 50.200, but it only made it as far as 50.125. DX contacts should move below .125, domestic contacts above .125.

On VHF bands, where QSOs are much more difficult anyway, and finding ears to hear so hard, why not just stick to the standard frequency?

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Fri, 26 Jan 2001 09:01:33 -0500
From: George Reeves <greeves@emory.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [89826] Thanks for 30m Help!
Message-ID: <3A71833D.EA8A8A12@emory.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all of you who responded to my request for help with a 30m dipole and measurements of resonance. And Chuck, I appreciate your recommendation of the Emtech NW-30 as a rig [and I like the specs and the look of it], but my 16-year old daughter, who I'm trying to get interested in CW and Ham Radio, has seen some of the pictures of the 30m rigs and wants me to build one in an Altoids tin! So I may start there and graduate to a bigger rig later.

73,
George, WA4TNU

Date: Fri, 26 Jan 2001 09:00:24 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [89827] Re: Tuner losses, Balloons, moisture in wire, oxidation
Message-ID: <3A7182F8.BE20E609@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick,

The FAA already has set limits to antenna height in glide path areas.
The question is are most people who want to use balloon antennas even
aware there are limits!

73

Date: Fri, 26 Jan 2001 09:12:14 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: K5BDZ@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [89828] Re: Antenna analyzers Vectronics on sale
Message-ID: <3A7185BE.10E2BEA8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Since MFJ owns Vectronics, it is likely that the designs share some
ideas, like most all of them!

73

Date: Fri, 26 Jan 2001 09:24:07 -0500 (EST)
From: "John L. Sielke" <w2agn@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89829] RE: It's time to join!
Message-ID: <XFMail.010126092407.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

You bet. Old Guglielmo Marconi, Armstrong, Tesla, et al, would have been
nowhere without the league. Join Now! Send Money! Buy Bonds!

John W2AGN

On 26-Jan-01 Roger J Wendell wrote:

>

> In addition to their support of QRP, the ARRL is the one organization we

> can thank for amateur radio's actual existence. Ham Radio could use
> some
> strengthening and joining the ARRL is the way to do it.
>
> Membership is quick, easy and inexpensive. In addition to their web
> site
> (www.arrl.org) they can also be reached at:
>
> American Radio Relay League
> 225 Main Street
> Newington, CT 06111-9965
>
> 72s
>
> WBOJNR
> <http://www.qsl.net/wb0jnr/>
>
>
>
>
>
> -
>

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> <http://dl.www.juno.com/get/tagj>.

Date: Fri, 26 Jan 2001 09:23:10 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: gcouger@couger.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [89830] Re: Anodizing aluminum
Message-ID: <3A71884E.1425BD45@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gordon,

I believe one point against home anodizing of aluminum is the process require heated water and potentially health threatening chemicals. I tried it once when I was a Novice, back in the 60's. I was lucky, it worked as advertised, but fear got the best of me. If anyone tries it remember to wear protective clothing AND eye protection! What good is a nice blue finish if you can't see it!

Date: Fri, 26 Jan 2001 09:31:34 EST
 From: Drbob92031@aol.com
 To: qrp-1@lehigh.edu
 Subject: [89831] Re: Telescopic Whip
 Message-ID: <a6.f264d5f.27a2e446@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

In a message dated 1/26/01 1:19:17 AM Eastern Standard Time,
 w7ox@earthlink.net writes:

<< Well, you guys give me such good advice and assistance on everything else,
 > I'm going to turn to you again. I want to try to build a baseloaded 20
 > meter vertical to use with my Norcal 20. >>

>>>>I wanted to go on 20M also and was given the following suggestion and it
 worked like gangbusters.
 I took my 40 M mobile antenna and affixed a telescoping auto antenna to the
 top of the mast with a hose clamp. By adjusting the length of the telescoping
 antenna I got on 20 M.
 72/73 de Bob...WA2EAW

Date: Fri, 26 Jan 2001 09:56:29 -0500 (EST)
 From: n2go@arrl.net
 To: qrp-1@Lehigh.EDU
 Subject: [89832] brake/shear
 Message-ID: <Pine.LNX.4.21.0101260951320.571-1000000@valhalla.v>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

This looks like a nice deal on a brake/shear. I would charge more just to
 bring it to my house :) I hope I don't br(eak) my back setting it up in my
 basement.

Anyone use have this one or use it for pcb or 16 gauge aluminum stock?
 Model 5907-6VGA on sale...\$1 per pound.

<http://www.harborfreight.com/cpi/taf/Category.taf?CategoryID=266&pricetype=S>

Jim n2go

Date: Fri, 26 Jan 2001 10:02:48 -0500
From: "Acito, William" <William.Acito@brooks.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@lehigh.edu>
Subject: [89833] EFHWA -- which tuner is best?
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218BB1E@mail-naeast1.brooks.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I have been doing some research on the EFHWA (end-fed half-wave antenna).
Pulled N2CX's article from QRPP Spring 98, as well as a link from our
friends down-under.
<http://www.alphalink.com.au/~parkerp/nojun98.htm>

I have seen two different tuner configurations mentioned. One, a standard
"L" tuner (L in series, C across the center and ground), as well as a
parallel L-C configuration (like the Rainbow Tuner), with the coax center
brought in at a tap on the L.

Other than the DC discharge path provided by the parallel L-C method, is
there any other benefit to using one versus the other (e.g. broader matching
capability given the same L and C, efficiency, band pass filtering, etc.)

```

----LLLLLL-----A
      ^-----|   |
              |   |
              C   VS ----->L C
              |   |
              |   L C
-----G         -----|--|-----G

```

Bill
W1PA

Date: Fri, 26 Jan 2001 10:22:21 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89834] Re: Smith Charts
Message-ID: <00c401c087ab\$c8682640\$9c07b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

>Barnes and Noble and many Univ. book stores have a book on >amateur radio shelf called Impedance Matching by Caron. It used >to be sold by ARRL, but I think no more.

It is listed as available on the ARRL website:

Written by Wilfred N. Caron.
224 pages. First edition, 1989, The American Radio Relay League, Inc.
(ISBN: 0-87259-220-0) #2200 -- \$20.00

73,
Dick K2JQ

Date: Fri, 26 Jan 2001 10:19:02 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-l@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [89835] Klunky Schematic Get All
Message-ID: <Pine.LNX.3.95.1010126101334.29244A-100000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you go to this page you will get all of the Klunky schematic symbols.
<http://butler.qrp.com/~wd9eyb/klunky/all.html>
The first 4 symbols aren't symbols, they're the Klunky source files.
If you save this web page you'll then have a local copy of Klunky.
But, IE is driving me up the wall again.
It wants to rename the html files as htm.
So you have to go in and manually rename them back to html.
Also, if you save the page to a thing called klunky, it all winds up
in a directory called klunky_files.
But I think that will get all of it.

Jim, WD9EYB

Date: Fri, 26 Jan 2001 08:19:55 -0700
From: "Tom Whalen" <wb5qyt@abq.com>

To: <qrp-1@lehigh.edu>
Subject: [89836] Balloons, telescopic whips, WW dipole, 30m test, Melt solder Steve
Message-ID: <MABBIKAEJKMHLIDDGMCKEEDLCDA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Years ago, Bruce AA5B and I played around with balloon antennas in my backyard for a 160 meter contest. We used some 4' weather balloons, but I forgot where we got them. The half tank of helium was about 25 bux, and a 75\$ damage deposit. That half a tank of helium was good for 2 balloons filled to about the 3' dia. point. We tried 3 different antennas and here are the results.

Comparing the big 3 verts....5/8, 1/2 and 1/4 wave verticals, we found that the 1/4 wave worked as good or better than the other two. I would have bet on the half wave, but did not measure up to the 1/4. These antennas were very noisy on rec., so best to use a dipole for rec. and the big vert for xmit.

Radio Shack sells tele whips that un telescoped are 14" long and extend to 6'. I bought two of them and made a portable dipole. Use a coil in the center and use taps...Works fair for a little antler!

The Wal Wart dipole is working fine. Just was a real pain to rid the anodized coating off of the elements. So, if you want a really cheap 30' center fed dipole for about 20 bux....go for it! Breaks down into a 4.5 foot package for easy transport.

Doc, you mentioned having a 30 m get together....Count me in bud!

Steve(Melt Soulder), you did a fine job on fixing up my 38s! Sounds great, no thump, very smooth qsk...Going to get the parts to mount it in a clam shell today...Thanks again, and gang I highly recommend using Steve Electronics service for you ailing kit....

Hopefully, I will be able to attend the FYBO with KK6MC and crew. Will be using the WW dipole and give it a test out in the field. Article possible in a future QRP mag....

72 to all, Tom WB5QYT..."Have spud will travel!"

Date: Fri, 26 Jan 2001 10:26:25 -0500 (EST)
From: "qrpx@earthlink.net" <qrpx@earthlink.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [89837] Epiphyte Sold
Message-ID: <200101261526.KAA09936@gxpv01>

went quick

Date: 26 Jan 2001 15:30:54 America/Fort_Wayne
From: Michael Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU
Subject: [89838] logging programs
Message-ID: <20010126153054.24663.qmail@awcst401.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for some suggestions for a simple logging program. Currently have=

Logger and it is way more complex that I want or need. Does anyone know o=
f a
simple, easy to use program?

Thanks.

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Fri, 26 Jan 2001 07:50:32 -0800
From: "W7TRX" <w7trx@mindspring.com>
To: <aa4lr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89839] Re: 6m QRP fun freq
Message-ID: <002101c087af\$c8c11ee0\$9e2279a5@de11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Bill Coleman <aa4lr@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, January 26, 2001 5:21 AM
Subject: Re: 6m QRP call freq

> Why not just use the stanard 6m calling frequency of 50.125 (or 50.200)?
>
> Years ago, the 6m calling frequency was 50.110. This caused a lot of
> crowding, especially for phone contacts. An attempt was made to move the
> calling frequency to 50.200, but it only made it as far as 50.125. DX
> contacts shouldmove below .125, domestic contacts above .125.
>
> On VHF bands, where QSOs are much more difficult anyway, and finding ears
> to hear so hard, why not just stick to the standard frequency?

Bill,

Great question. Most of the time you will have to hang out on 50.125 if you want to make a contact. That is where I'll be. However, my experience is, when the band is OPEN, there is not a shortage of folks to contact, but rather a shortage of willingness to move up the band to make some room. Plenty of folks, but a magnet frequency. That is all fine too. Pile on! Just hard to find and work other QRPers.

When the band is open, and 50.125 gets going, I don't sit there and punch it out. I tune up the band and look for a contact. I do that whether I'm running QRP or not. What I was trying to encourage was a common freq (meeting place) for VHF QRPers, during those times that the band is open. Move up to a clear freq and contact each other. Wouldn't it be nice to improve the odds of meeting a fellow QRPer? I read in the HF bands how much fun it can be not just to work QRP, but to work QRP both ways. No reason it would be less pleasurable on 6m.

I need to change the name from "6m QRP call freq" to "6m QRP fun freq". Not trying to limit anyone's activity. Nothing official needed here. No force of law. No need to bother if the band is weak or the contacts are far and few between. No need to bother if you lack the interest. 50.125 will always be there. This can be an opportunity, not a limitation.

I recall last summer's opening's from the Pacific Northwest. Daily openings that lasted for hours. Usually into California, the desert Southwest, and the mountain states. No shortage of openings, no shortage of contacts. What a blast. I worked VUCC in 4 months with my modest station. It would sure be fun to improve my chances of meeting other VHF QRPers during the next Es cycle. For those that like this idea, give an occasional shout on 50.185 when the band is in full swing. For those that have no interest, I'll see you on the wild and wooly 50.125 too, (till it gets too crazy).

72, Tracy
W7TRX

> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> Quote: "Not within a thousand years will man ever fly!"
> -- Wilbur Wright, 1901
>

Date: Fri, 26 Jan 2001 07:48:26 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [89840] Re: brake/shear
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B769C8@hq-expo2.filenet.com>

There is, I believe, a lower-priced 12-inch one (around \$219.00 + s&h).
However, be advised that even it is a heavy beast!

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Fri, 26 Jan 2001 08:58:56 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Subject: [89841] List of WPE QRPers
Message-ID: <Pine.SUN.4.10.9905291948530.6995-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For those so interested ...
[gotta be better than 30M, ARRL and CW threads right now :-)]

Here's some of our fellow QRPers who were also shortwave listeners and had WPE calls issued to them. This list is extracted from qrp-l posts and/or direct emails on the subject (and hardly complete). WPE calls were assigned to shortwave listeners by "Popular Electronics" magazine back in the 1960's-70's, and was quite an institution for many years.

Note how many of the notable QRPers, even some QRP Hall of Famers, whose interest in ham radio began years ago as shortwave listeners.

THEN...	NOW...	Name
WPE1AZL	K4JPN	Steve Ray
WPE1GWN	AK1P	Paul Maciel
WPE1HIC	KA1AXY	Peter Simpson
WPE2???	AI2Q	Alex Mendelson
WPE2DGF	W2KJ	Joe Trombino
WPE2HZU	K4NK	Les Shattuck
WPE3AAH	WA3REY	Tom Bowman
WPE3BCQ	K7RE	Brian Kassel
WPE3HLB	N7ZWY	Chris Trask
WPE4AVY	W5XE	Ray Colbert
WPE4CHQ	WA4DOU	Roy Lincoln
WDX4CQ	WS4S	Conard Murray
WPE4FYX	KF4AR	Rick Robinson
WPE4JKZ	KA4PUV	Norman Young
WPE4???	N4XY	Ed Tanton
WPE4???	N4EY	Steve Mann
WPE5BFS	WA5ACF	?
WPE5WO	K5VOL	Bob Reynolds
WPE6GPQ	K6LQ	Mike Kashuba
WPE6???	KC6TEV	Steve Cates
WPE7BBY	WD4MSM	Barry Keating
WPE7BYR	K7SZ	Rich Arland
WPE7FC	W5TB	"Doc" Drake
WPE8BUI	K8TRF	Dave Benham
WPE8DKN	???	Nils Young
WPE8HHU	WA8MCQ	Mike Czuhajewski
WPE8HND	KA9NZI	Gary Phillips
WPE8JRV	WA8VZQ	Dan Wanchic
WPE9DB	W4QQ	Jim Stafford
WPE9JRU	N9DD	Tom
WPE9KHY	WB9MII	Greg
WPE9NP	KB9JFK	Jim Irving
WPE9???	WD9EYB	Jim
WPE0DRZ	NA5N	Paul Harden
VE1PE9P	VE1GA	Leigh Hawkes
VE2PE??	VE20L	Jan Lindstrom
VE3PE??	VE5RC	Bruce Rattray

??? means a few guys have amnesia

Some of the WPE calls were converted to WDX calls in the 1970's, but

all are listed as WPE anyway.

72, Paul NA5N/WPE0DRZ

Date: Fri, 26 Jan 2001 09:02:41 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89842] Re: List of WPE QRPers
Message-ID: <Pine.BSI.3.96.1010126090205.28435A-1000000@usr06.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Paul,

Thank you for keeping track of this. I was just thinking of it this morning and could not remember who was maintaining this list.

Chris

On Fri, 26 Jan 2001, Paul Harden, NA5N wrote:

>
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> [gotta be better than 30M, ARRL and CW threads right now :-)]
>
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> had WPE calls issued to them. This list is extracted from qrp-l posts
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> WPE2HZU	K4NK	Les Shattuck
> WPE3AAH	WA3REY	Tom Bowman
> WPE3BCQ	K7RE	Brian Kassel
> WPE3HLB	N7ZWY	Chris Trask
> WPE4AVY	W5XE	Ray Colbert
> WPE4CHQ	WA4DOU	Roy Lincoln
> WDX4CQ	WS4S	Conard Murray
> WPE4FYX	KF4AR	Rick Robinson
> WPE4JKZ	KA4PUV	Norman Young
> WPE4???	N4XY	Ed Tanton
> WPE4???	N4EY	Steve Mann
> WPE5BFS	WA5ACF	?
> WPE5WO	K5VOL	Bob Reynolds
> WPE6GPQ	K6LQ	Mike Kashuba
> WPE6???	KC6TEV	Steve Cates
> WPE7BBY	WD4MSM	Barry Keating
> WPE7BYR	K7SZ	Rich Arland
> WPE7FC	W5TB	"Doc" Drake
> WPE8BUI	K8TRF	Dave Benham
> WPE8DKN	???	Nils Young
> WPE8HHU	WA8MCQ	Mike Czuhajewski
> WPE8HND	KA9NZI	Gary Phillips
> WPE8JRV	WA8VZQ	Dan Wanchic
> WPE9DB	W4QQ	Jim Stafford
> WPE9JRU	N9DD	Tom
> WPE9KHY	WB9MII	Greg
> WPE9NP	KB9JFK	Jim Irving
> WPE9???	WD9EYB	Jim
> WPE0DRZ	NA5N	Paul Harden
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> VE3PE??	VE5RC	Bruce Rattray

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>

> 72, Paul NA5N/WPE0DRZ

>

>

>

>

>

```

      ,-----'
    /   What's all this   \
  /   extinct stuff, anyhow?  /
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     \           \   \
     .             ( ) \
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       c__; c__; ' - . ' > . __

```

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Fri, 26 Jan 2001 10:13:41 -0600
From: crc@io.com
To: qrp-l@lehigh.edu
Subject: [89843] 160 xtals
Message-ID: <3A714DD5.6300.FDED1@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Date: Fri, 26 Jan 2001 09:23:33 -0700
From: "Niel Skousen" <nskousen@scientechn.com>
To: <w7trx@mindspring.com>, "'Low Power Amateur Radio Discussion'" <grp-

l@Lehigh.EDU>
Subject: [89844] RE: 6m QRP fun freq
Message-ID: <000901c087b4\$54846640\$96010a0a@scientechnet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sounds like 50.125 is the primary watering hole... Maybe 50.140/50.160 could be an easy to remember QRP FunFreq ?? I think something close enough to .125 that a homebrew VXO QRP rig could cover both would be advantageous

Niel

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of W7TRX
Sent: Friday, January 26, 2001 8:51 AM
To: Low Power Amateur Radio Discussion
Subject: Re: 6m QRP fun freq

----- Original Message -----

From: Bill Coleman <aa4lr@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, January 26, 2001 5:21 AM
Subject: Re: 6m QRP call freq

> Why not just use the standard 6m calling frequency of 50.125 (or 50.200)?
>
> Years ago, the 6m calling frequency was 50.110. This caused a lot of
> crowding, especially for phone contacts. An attempt was made to move the
> calling frequency to 50.200, but it only made it as far as 50.125. DX
> contacts should move below .125, domestic contacts above .125.
>
> On VHF bands, where QSOs are much more difficult anyway, and finding ears
> to hear so hard, why not just stick to the standard frequency?

Bill,

Great question. Most of the time you will have to hang out on 50.125 if you want to make a contact. That is where I'll be. However, my experience is, when the band is OPEN, there is not a shortage of folks to contact, but rather a shortage of willingness to move up the band to make some room. Plenty of folks, but a magnet frequency. That is all fine too. Pile on!

Just hard to find and work other QRPers.

When the band is open, and 50.125 gets going, I don't sit there and punch it out. I tune up the band and look for a contact. I do that whether I'm running QRP or not. What I was trying to encourage was a common freq (meeting place) for VHF QRPers, during those times that the band is open. Move up to a clear freq and contact each other. Wouldn't it be nice to improve the odds of meeting a fellow QRPer? I read in the HF bands how much fun it can be not just to work QRP, but to work QRP both ways. No reason it would be less pleasurable on 6m.

I need to change the name from "6m QRP call freq" to "6m QRP fun freq". Not trying to limit anyone's activity. Nothing official needed here. No force of law. No need to bother if the band is weak or the contacts are far and few between. No need to bother if you lack the interest. 50.125 will always be there. This can be an opportunity, not a limitation.

I recall last summer's opening's from the Pacific Northwest. Daily openings that lasted for hours. Usually into California, the desert Southwest, and the mountain states. No shortage of openings, no shortage of contacts. What a blast. I worked VUCC in 4 months with my modest station. It would sure be fun to improve my chances of meeting other VHF QRPers during the next Es cycle. For those that like this idea, give an occasional shout on 50.185 when the band is in full swing. For those that have no interest, I'll see you on the wild and woolly 50.125 too, (till it gets too crazy).

72, Tracy
W7TRX

> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> Quote: "Not within a thousand years will man ever fly!"
> -- Wilbur Wright, 1901
>

Date: Fri, 26 Jan 2001 10:26:01 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [89845] Last call: QRP-Canada "Winter-Within" contest.
Message-ID: <Pine.LNX.3.95.1010126102329.11740C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is the last call for entries for the "Winter Within" event that took place in conjunction with the annual RAC Winter contest. Just post your story/score on QRP-Canada so the judges can mull things over.....long or short, you might have a nice certificate coming your way eh!?!...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

We've been putting our collective heads together and have come up with a possible way to put more fun into and to recognize special efforts put in by QRP operators in the RAC Winter contest...
...this has nothing officially to do with the RAC contest; we are merely using the contest as the vehicle to have more FUN for qrp stations!

A BIG thanks to John, VE3JC, who has provided the core idea for this event!

For your operating pleasure, I present to you the.....

"QRP-Canada Winter-Within Contest."

Power: not over 5 watts output any mode.

Scoring, rules & exchange will be done the same way as the RAC Winter contest. This is a separate event run by the qrpers within the RAC Winter contest to enhance the QRP fun and recognize SPECIAL QRP efforts.

Certificates (by NA6E) for worthy achievement will be awarded by a panel of judges to those qrp operators who write up a description of their qrp operation and post it on QRP-Canada for everyone to read and enjoy. The judges will use these postings to award the certificates.

The panel of judges will be John, VE3JC, Ted, VE3FAL and Bruce, VE5QRP. The judges will not be eligible for the certificates.
(the judges are past winners of the RAC Summer & Winter Contests QRP plaque.)

Wayne, G0JJQ, will produce a Certificate for the "Leading European QRP station" operating in the "Winter With-in" event.

If you're going to be OUTSIDE then put SAFETY as your first priority. You don't have to be outside for the entire contest unless you're comfortable and safe doing so eh!?!

Suggested, but not limited to, scenarios:

- (1) - using a power level of not over 950mw.
- (2) - using wire antennas only.
- (3) - an operation from a local Canada Day site with public exposure.
- (4) - most interesting foreign (off North America) operation.
- (5) - an operation using homebrew equipment which includes qrp kits, restored qrp equipment, manhattan construction.
- (6) - a "freeze-your-buns-and-everything-else-off" expedition...
ie - hiking to a location and back.....ie - snow caving operation....
ie - operating while snow-shoeing.....ie - a qrp operation from a toboggan and tent....***caution - watch the ice!***SAFETY FIRST!!***
- (7) - a multi-band, multi-operators operation and all it took to organize everything, full description of qrp equipment, antennas and what happened during the event.
- (8) - operating qrp SSB VOX, battery powered, with qsos being tape recorded automatically, while standing on the top of a flag pole with wire antenna hanging vertically down, in a 50 mph wind, windchill -40 dC.
- (9) - you could also be snuggled up to a warm cup of "whatever" in your cozy hamshack, working the contest and watching old Man Winter do his thing outside....that's where I'll be... ;-)

These are just a few suggestions and hopefully they will inspire the creativity that we know is in the hearts of every QRPer eh!?!... ;-)

If pictures are taken, we'll try to get them on the QRP-Canada web pages.....

Please send your logs to Mary, NA6E, by January 31/2001/
Mary's address is:

Mary K. Cherry - NA6E -
8383 Sierra Sunset Drive,
Sacramento, CA 95828
U.S.A.

...many thanks to Mary for volunteering to take on the Manager's job!

...so there you have it everyone...it will be what you make it...we all think the potential is there for having a SUPER QRP time!!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Fri, 26 Jan 2001 16:13:00 -0000
From: "Mike Swift" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89846] FS or SWAP: 40m MFJ Cub QRP rig
Message-ID: <005601c087b4\$ebda7700\$4611bc3e@uksolsf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi all

I have a recently-completed 40m MFJ Cub which I'd like to swap. My reason for letting the Cub go is that I already have other radios for 40m and I just don't need this one any more. It is in 'as new' condition, has been fully aligned, and is putting out a solid 2 watts with no chirp or key-click. Oh, and I fitted the optional BNC connector (*why* did they fit a phono socket as standard?!?). Other than that, there are no mods.

I'm interested in swapping the Cub for an un-made QRP rig kit for either CW or PSK, preferably for 30, 20, 17, or 15m (may consider 80 or 10 also, but would prefer the other bands I've mentioned). Would also sell for 70 inc. shipping within the UK, and will happily ship outside the UK at extra cost.

Please e-mail if interested.

Thanks & 73

Mike
M0CQG

Date: Fri, 26 Jan 2001 11:30:53 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: <w7trx@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89847] RE: 6m QRP fun freq
Message-ID: <001d01c087b5\$5a455f20\$03e9cd80@Home.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would also put in a plug for somewhere just below 50.100 When the band is open it is alot easier to make those contacts (and less crowded) when out in the field using 2 watts and a whip using CW

Scott
AC3A

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> W7TRX
> Sent: Friday, January 26, 2001 10:51 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: 6m QRP fun freq
>
>
>
> ----- Original Message -----
> From: Bill Coleman <aa4lr@arrl.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Friday, January 26, 2001 5:21 AM
> Subject: Re: 6m QRP call freq
>
>
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> 72, Tracy
> W7TRX
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>
>
> > Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> > Quote: "Not within a thousand years will man ever fly!"
> > -- Wilbur Wright, 1901
> >
>

Date: Fri, 26 Jan 2001 10:39:39 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [89848] Re: Balloon stuff
Message-ID: <3A71A84A.D3596AF6@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, of course we thought of that. Every antenna installation has some hazard or other, and it is our responsibility to minimize any associated risks.

I do not advocate using balloons to raise antennas into flight path levels, just as I wouldn't advocate doing that by any other means.

Balloons should not be tethered directly to the antenna wire. They should always be attached using a short length of something that is weaker than the wire and would give way first. Balloons should always have at least one line (preferably non-conductive) to the ground for steering and control that is entirely separate from the antenna wire itself.

We used balloons to raise a full wave loop to a height of about 60 feet. Ordinary kite string was used for control lines and to attach the balloons to the corners of the loop. The balloons were pink latex "weather" balloons obtained from a surplus seller, and we used two at each corner. They were inflated on site with helium from a pressurized tank (borrowed, but these can be rented from party supply stores.)

Of course we did not do this adjacent to any power lines, just as I would not launch antennas into trees using a bow and arrow or slingshot if it were adjacent to power lines or offered any risk of accidental contact with same. The balloons allowed us to put up the antenna without worrying about injuring passers-by (in a public

park) with slingshot or bow. Control/guy lines were attached to tree trunks or limbs well above the height where anyone would walk into or become entangled in them. They were also marked by pink nylon ribbons of the sort used by surveyors so as to make them more noticeable and further reduce any hazard.

As for the dire warnings about static electricity, I fail to see why this antenna had any greater risk of static or lightning than an installation at the same height using other supports such as trees or masts.

The antenna performed well, exactly as expected for a "loop skywire" design at 60 feet. When our field day was over we hauled it down using the kite strings, wrapped it up, and took it home. It went up and came down at least as quickly as a tree-supported installation would. It attracted more attention, though, allowing us to pass out an information flyer on amateur radio and talk to people who might otherwise never have paid attention to what we were doing.

No airplanes were wrecked, no lightning strikes experienced, no lengths of wire floated away attached to balloons. Nor was there ever any risk that these things would happen.

Any antenna installation requires common sense and appropriate caution.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 26 Jan 2001 09:45:22 -0700
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
To: "'QRP-l Messages'" <qrp-l@lehigh.EDU>
Subject: [89849] FOX: Fox #29 Recap
Message-ID: <5899595F9867D311BC0A00805F57884D01FB6113@copland.tci.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi Guys and Gals,

Well, that certainly was a hoot! 96 entries logged with 4 dupes and many Foxi goofs along the way.

A preliminary log will be posted later today for your review and corrections.

A couple of thoughts and comments from the "lonely side" of a Fox Hunt.

- I have gotten several messages indicating my signal was very much up and down through out the hunt. I was switching between 3 different antennas, not a lot but some. There was period of time and I don't exactly how long but suspect 15 to 20 minutes, my TX power was less than 500 mw. I some how managed to bump the RF Gain control and send it counter clock wise a lot. It finally dawned on me that my signal was not being heard very well and began looking around.... and well the meter was hardly moving.

- My second Fox session went considerably better for me than the first. Still many areas of improvement, but it was easier to pick calls out of the noise and more complete calls. Also I was a bit more at ease and had a better idea what to expect. Actually had fun, for most of the time.

- I wish I knew exactly when I switched antennas. I think it would be an interesting study of propagation and my antenna performance.

At a glance, there are many TX calls in the log and quite a number of WI. Beyond that a good sampling of MN, CA, AZ, FL and CO. Some very nice surprise states for me was RI, MD, CT, NY, ID just to recall a few.

More later..... Thank you one and all!

72 Ron ki0ii Fox #29

Date: Fri, 26 Jan 2001 10:45:53 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-1@Lehigh.EDU, DYARNES@aol.com
Subject: [89850] Re: ARRL and Morse Code??
Message-ID: <3A71A9C1.261E4988@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<< I mean after the ARRL single
handedly destroyed the US electronic industry >>

> They did what????? What in the world are you smoking???

He's quoting directly from Wayne Green, Dave. Wayne has been saying this for thirty years, referring to the "incentive licensing debacle" (also Green's wording) of 1967.

While I agree with those who say incentive licensing was a failure and caused more harm than it did good, Green's position that it

was responsible for the death of Hallicrafters, Collins, etc. is pure hyperbole. The economic trends that shipped electronics production overseas would have had the same effect with or without incentive licensing. The same trends put the Japanese on top of the automobile market at about that time.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 26 Jan 2001 10:53:00 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [89851] RE: It's time to join!
Message-ID: <3A71AB6C.4401779@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> You bet. Old Guglielmo Marconi, Armstrong, Tesla, et al, would have
> been nowhere without the league. Join Now! Send Money! Buy Bonds!

No one (that I've ever heard!) credits the League with *inventing* amateur radio, John. It is however true that without the repeated efforts of the ARRL, amateur radio might well have been legislated or regulated out of existence at several times in the past. The risk is still there, though the reasons have changed.

I frequently disagree with the ARRL board of directors. But the fact is, they have the ear of the FCC, and the rest of us do not. We have more influence on the future course of amateur radio through the League, and I think it behooves us all to support them and put pressure on them to change when we disagree.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 26 Jan 2001 08:53:52 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [89852] Re: 6m Tip
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F4309980140@blaze.bcsbc.GOV.BC.CA>
Content-return: allowed

MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I thought the 6m calling frequency was 52.525 MHz. or is that just for FM?

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Fri, 26 Jan 2001 16:55:06 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: <W2SH@aol.com>, "q" <qrp-1@Lehigh.edu>
Subject: [89853] Re: Anodizing aluminum
Message-ID: <006601c087b8\$bcc2f740\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> For a low-tech approach to doing this, see <<It's a Pretty Pickle>> in QST
> for May 1950. Nothing fancy or expensive. Uses household lye, and if you
> want pretty colors, you add food colorings. Both products should be
> obtainable in any supermarket.

>

> GL,

>

> Charles, W2SH

.....

I'm no anodizing expert but in my job I do have to get a lot of parts
anodized. There is no magic there for businesses set up to do the work and
the costs is not bad if one does multiple parts. maybe one of our QRP clubs
could offer to organize an anodization service where those who needed parts
done could send them to be batch anodized and there would be a shared cost
for everyone . . . you can get a lot of small parts done for under \$100.00.

Most of my electronic chassis I have gold anodized. It is about the same
costs (not gold except in color) and this type of anodization is protective
but not insulating so you don't have to scrape where you need grounding . .
. .also it is kind of pretty I think.

73,

Richard WA4NWW

Date: Fri, 26 Jan 2001 12:05:34 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: sjolin@swbell.net
Cc: qrp-l@lehigh.edu
Subject: [89854] Re: OT Quest for elusive Novice WAS
Message-ID: <v03102809b6975c0a4611@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dave, N0IT, ex-KN8ROR, writes;

>Novice Roundup is coming up, next month I believe. That plus the cub fox
>hunts ought to give you a quick start, especially if you can get a slot
>as the fox.

The NR was held in February but I think the ARRL dropped the Novice Roundup several years ago. From some of the late Lew McCoy's writings, I gather dropping the NR was a sore spot for him. Lew was one of the driving forces behind the creation of the Novice class license and started the Novice Roundup while with the ARRL. It's interesting to read some of the letters to QST from the early 50s when the Novice class license was in the planning stage. If you think no-code licenses generated some heated discussions, go read some of the comments of the OTs in those old QSTs.

BTW, last week I found a packet of Novice Roundup log sheets that I received from the ARRL in 1964. One had a copy of my contest results on it.

It's too bad we can't resurrect the Novice Roundup and use our old novice calls. The FCC would frown on that I'm sure.

72,

Rick kf4ar ex-WN4MSD

Date: Fri, 26 Jan 2001 12:09:39 -0500
From: "Mike L., AF4LQ" <olyellr@iglou.com>

To: <mgoins@usa.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [89855] Re: logging programs
Message-ID: <003101c087ba\$c62bcd00\$56eeffcc@Default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for some suggestions for a simple logging program.

I had the same situation recently. You might take a look at M*Log, from Milestone Technologies. I've been very, very happy with it and can say it delivers as advertised and then some. Works equally well as a general logging program and contest logger as well. Great support too, if needed.
Address:

<http://www.mtechnologies.com/ml3.htm>

If you're only interested in contest logging you might take a look at K7RE's QRPDUPÉ program. He's put a lot of work into making this a simple to use but very effective contest logger. Address:

<http://www.dancris.com/~bkassel/index.htm#top>

GL es 73,
Mike, af4lq

Date: Fri, 26 Jan 2001 12:13:11 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [89856] Re: ARRL and Morse Code??
Message-ID: <v0310280ab69760183a14@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

< I mean after the ARRL single handedly destroyed the US electronic industry >>

I'll bet that's news to Motorola, Intel, Texas Instruments, Sprague, IRC, and many, many, others.

72,

Rick kf4ar

Date: Fri, 26 Jan 2001 11:57:11 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <William.Acito@brooks.com>, "QRP" <qrp-1@Lehigh.EDU>
Subject: [89857] Re: EFHWA -- which tuner is best?
Message-ID: <200101261700.MAA20903@mail5.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 1/26/01 10:02, Acito, William at William.Acito@brooks.com wrote:

>I have seen two different tuner configurations mentioned. One, a standard
>"L" tuner (L in series, C across the center and ground), as well as a
>parallel L-C configuration (like the Rainbow Tuner), with the coax center
>brought in at a tap on the L.

If you think about it, they are both the same!

Consider, in your drawing:

```
>----LLLLLL-----A
>      ^-----|   |
>                |   |
>                C   |
>                |   |
>-----G
```

The impedance across A and G must be HIGHER than the impedance of the feedline, otherwise, you won't get a match.

At a high enough impedance, the coax feedline looks like a dead short.

You can also reverse this:

```
>----LLLLLL-----A
> |      ^-----|
> |
> C
```

> |
>-----G

to feed a low impedance antenna.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 26 Jan 2001 12:20:22 -0500
From: John.Meade@smc.com
To: qrp-l@Lehigh.EDU
Subject: [89858] Logging Software
Message-ID: <852569E0.005F27E9.00@mta.smc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I use AC Log. It is a simple replacement for the ARRL logbook that also does some nice calculations. I see he is up to rev 1.7. I'm still on 1.4! There is a registration fee, but I like the program, and it's not too complicated.

John W2XS

<http://members.aol.com/SNKdavis/page1.html>

>From N3FJP's web page:

Tracking of Worked All States, Worked All Counties and Worked All Countries progress. A database of counties and countries is included. You can also query by band, mode or power level to easily track your accomplishments by individual and multiple criteria.

A call book look-up feature for all U.S. hams!

A bearing and distance calculator from your QTH for DX contacts.

Easily import data from my contesting software.

Full support for Amateur Data Interchange Format
(ADIF) import and export.

Date: Fri, 26 Jan 2001 11:29:02 -0600
From: Michael Melland <badger@vbe.com>
To: mgoins@usa.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89859] RE: logging programs
Message-ID: <NEBBLKAGEKBNGELOFFCAAEOICCAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Mike,

Depends on what type of computer you need it on and what exactly you want.
I had XM Log for a while and it's free but I didn't need it's rig control
features etc... and it just wasn't what I wanted. I found Scott Davis, N3FJP's
Amateur Contact Log v.1.7 and find it fills my needs nicely. He also has
other contesting type logging programs on his site as well. It's easy to
use... runs small compared to most... and has the features I wanted. But...
it's only for Win 95 and above in the current version which is 1.7. You can
download the timed demo and if you like it it's \$10 which I feel is very
reasonable for the time he has into developing the program.... also updates
in the future are free if you register.
Check it out at: <http://members.aol.com/snkdavis/page1.html>

Mike, W9WIS

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.228 / Virus Database: 109 - Release Date: 1/17/01

Date: Fri, 26 Jan 2001 11:33:19 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [89860] Re: OT Quest for elusive Novice WAS
Message-ID: <3A71B4DF.FE3C19D8@arrl.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FISTS ran the Novice Roundup after the ARRL abandoned it. It continued through last year, but has been dropped this year. I guess the underlying assumption is that there are no more novices (wrong). I don't know what kind of participation it has had in recent years. The contest period was reduced from a week to just a weekend at some point. FISTS has replaced it with a four-hour CW sprint event as of this year.

As far as "reviving" it goes, there is no reason this couldn't be done. Any group could sponsor it and collect logs. Given the changes in licensing structure, calling it "novice" or even "novice/tech" might not be ideal and might tend to restrict the participant pool. On the other hand, an operating event designed to be friendly to slower speed CW ops is still appropriate and perhaps moreso now than ever before. Perhaps a "Laid Back QSO Party" would be a better name? I'd like to see it last a week, as the old roundups did, and have a fairly simple scoring structure. A certificate of participation could be offered to anyone who turned in a log, regardless of score. If sponsored by a QRP group, then a separate scoring class for QRP or a bonus multiplier would be appropriate. Awards for achieving WAS or "Worked all Canada" (Is there a Canadian equivalent to WAS?) within the contest period would be appropriate. No WARC bands, of course, but use of both novice and general subbands could be allowed, with some suggested calling frequencies.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 26 Jan 2001 09:47:08 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [89861] Thoughts on Anodizing
Message-ID: <01c087c0\$0139a700\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug Hauff, KC6RIE is a very good friend of mine. He runs San Luis Machine, and has anodizing done as part of his manufacturing process. We have had many conversations over the years about anodizing and the problems inherent. Doug hates it. He says that it causes him more problems than all of the

other steps involved in the manufacturing process. One little speck of grease, dirt, anything, and it is magnified when you anodize. The process that he uses to clean the aluminum that he has anodized sometimes takes longer than it does to machine the part!! And it is far more complicated. Chemicals, gloves, plastic bags, etc. Even with all of the care and experience that he has, he has still had problems with the anodizers. He sends them 100 cases for Red Hot Radio, they come back with spots all over them. What happened? The guy at the anodizer was cleaning something, and the overspray got on the cases. Doug has to remake all of the cases, as they are ruined. This is just an example of what can go wrong.

Someone suggested that a qrp club could do a "group anodizing operation". NorCal doesn't want any part of this one guys. Way too many opportunities for problems. Actually, my suggestion would be that a group of local guys get together and have their stuff anodized by a professional. Lots of times you can go to a shop, act innocent, explain that you are a ham, have a case that you need anodized, and wonder if there was some way to get it piggy backed on someone's order? (You will have to wait until they are doing the color you want, or pick the color they are doing.) Slip the guy a few bucks when you are finished, praise him for his work, and even stop by and show him the completed project. When you do, praise him again for his great efforts on your behalf. I have done this and it worked for me.

Or, you can do the experiments and do it yourself, you will learn a lot. But remember you are dealing with dangerous chemicals so use all precautions here. 72, Doug, KI6DS

Date: Fri, 26 Jan 2001 12:47:22 -0500
From: Rick Robinson <rrobin@email.uncc.edu>
To: marsgal42@hotmail.com
Cc: qrp-l@lehigh.edu
Subject: [89862] WWV as entertainment
Message-ID: <v0310280cb697622ab6c5@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Laura Halliday VE7LDH relates her WWV survey;

>I wasn't exactly snowed under with responses on this,
>but of the 6 responses I got, the usage broke down as
>follows:

... snip ...

> Entertainment: 2

I've never thought about WWV being entertainment, but it's comforting to know there are people in this world who can find entertainment there. It makes me feel better about myself for watching The Weather Channel and enjoying it.

72,

Rick kf4ar

Date: Fri, 26 Jan 2001 09:48:14 -0800
From: "K7FD N7SG" <k7fd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89863] Re: List of WPE QRPers
Message-ID: <000f01c087c0\$2adef7e0\$87231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Then WPE7COH now K7FD

73, John K7FD

>Subject: List of WPE QRPers

Date: Fri, 26 Jan 2001 12:58:48 EST
From: DaveLeDuc@aol.com
To: <qrp-1@lehigh.edu>
Subject: [89864] Re: List of WPE QRPers
Message-ID: <5d.6630e42.27a314d9@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Then... Now..
WPE1DIP K1EPJ Dave LeDuc

Date: Fri, 26 Jan 2001 18:14:26 -0800
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89865] Re: List of WPE QRPers
Message-ID: <3A722F02.A2E5B085@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Then: Now:

WPE7AXB KB7WW

This will help date some of us !! No, not dinner and a movie type of date.

Art
KB7WW

Date: Fri, 26 Jan 2001 10:17:54 -0800
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89866] Portable Antenna
Message-ID: <3A71BF52.498CB653@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,
Still cleaning out the shack to buy a keyer and paddles. Have the
following for sale:

Barker & Williamson model AP-10 Portable Antenna for 40,30,20,15,10,6&2
mtrs. Includes 5

loading coils,none needed for 6&2.Simple assembly,great for
travelers,renters and city dwellers.
Will handle up to 300 watts.3lbs Perfect for QRP.
\$45 includes shipping.

Reply direct if interested to p326@earthlink.net

Bob ,W8MCJ

Date: Fri, 26 Jan 2001 13:20:18 -0500
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: rerobins@email.uncc.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89867] Re: WWV as entertainment
Message-ID: <3A71BFE2.CFBF1496@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One time I received a phone call from a surveyer(?) wanting to
know what radio stations I listen to.
Along with my favorite local station I said WWV!

73,
Tom kv2x

Rick Robinson wrote:

>
> Laura Halliday VE7LDH relates her WWV survey;
>
> >I wasn't exactly snowed under with responses on this,
> >but of the 6 responses I got, the usage broke down as
> >follows:
>
> ... snip ...
>
> > Entertainment: 2
>
> I've never thought about WWV being entertainment, but it's comforting to
> know there are people in this world who can find entertainment there. It
> makes me feel better about myself for watching The Weather Channel and
> enjoying it.
>
> 72,
>

> Rick kf4ar

Date: Fri, 26 Jan 2001 12:21:08 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [89868] Re: OT Quest for elusive Novice WAS
Message-ID: <3A71C014.1FFA47D3@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I may have spoken too soon. FISTS has scheduled an event they are calling "Winter Straight Key Week". With a little tweaking, this could almost become the "Laid Back QSO Party" I suggested. For details, see

<http://www.fists.org/w-strait.html>

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 26 Jan 2001 13:27:09 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [89869] The end of WPE
Message-ID: <v0310280fb69770320317@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Today I spent my lunch hour in our university library digging through old Popular Electronics and QSTs and I thought I'd pass along a couple of interesting finds.

>From the Shortwave Listening Column in the August 1970 Popular Electronics:

"Regretfully this is my last column for Popular Electronics. Thank you, again, and 73. Hank (Bennett) W2PNA/WPE2FT" The column never returned.

There is also a farewell Ham Radio column from Herb Brier, W9EGQ. It also never returned but a later column entitled "Communications" tried to include SWL, CB and ham news.

72,

Rick kf4ar

Date: Fri, 26 Jan 2001 11:48:58 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89870] Re: FOX: Fox #29 Recap
Message-ID: <Pine.LNX.4.31.0101261144490.814-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well Ron we have little to no propagation from here to you and when you went to 1/2 watt you just disappeared completely! So there were about 20 Hounds who suddenly stopped calling when you were no longer heard. Too bad for us.

On Fri, 26 Jan 2001, Zoerb, Ron wrote:

> Hi Guys and Gals,
>
> Well, that certainly was a hoot! 96 entries logged with 4 dupes and many
> Foxi goofs along the way.
>
> - I have gotten several messages indicating my signal was very much up and
> down through out the hunt. I was switching between 3 different antennas, not
> a lot but some. There was period of time and I don't exactly how long but
> suspect 15 to 20 minutes, my TX power was less than 500 mw. I some how
> managed to bump the RF Gain control and send it counter clock wise a lot. It
> finally dawned on me that my signal was not being heard very well and began
> looking around.... and well the meter was hardly moving.

I think it was more than 20 minutes...:-(

> - I wish I knew exactly when I switched antennas. I think it would be an
> interesting study of propagation and my antenna performance.
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 26 Jan 2001 13:50:14 EST
From: Qrpop@aol.com
To: tentec@contesting.com, qrp-l@lehigh.edu
Cc: W2IV@arrl.net
Subject: [89871] Ten -Tec For Sale
Message-ID: <90.f5dda0c.27a320e6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For Sale:

Ten Tec Argosy II Model 525 D and matching power supply, Digital xceiver, mic, manual, filter, noise blanker, DC power cord, airpax circuit breaker, very good condition. \$395

Ten Tec Century 21 Model 574, Digital cw xceiver, matching electronic keyer and xtal calibrator, excellent condition. \$225

If interested please call John W2IV at 716-649-6247 or e-mail W2IV@aol.com

tnx es 73 John, W2IV

Date: Fri, 26 Jan 2001 14:10:29 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [89872] MFSK, MT68 & Digital stuff again
Message-ID: <20010126.141156.-192629.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

One or two poor lost souls on this list sent me email asking about the digital comms page that I'd found with sound bites to let you know what you thought was malicious interference but which was really either (a) the military using your gawd-given amateur bands or (b) some freebander keeping in touch with his family in Buruburinga Sasimbalunakasashankajantaripapapapa.

The URL is: <http://rover.wiesbaden.netsurf.de/~signals/>

It's amazing that some of the stuff that you & I and lots of other former

uniform-wearin' types once used (or now use) is so intrinsically simple, before encryption. Or that some of the things you can download from Nino Porcino's site (<http://iz8bly.sysonline.it/>) are old-hat to the military types but fresh & cool for QRP/ham use.

Hosing up to the stuff is easy. I think I already went through that. If you need info, there's the "official PSK page" (<http://aintel.bi.ehu.es/psk31.html>) where there's links to other stuff (if you don't mind being framed) that will help the average person hose the computer up to the radio.

So I think by this time I've mentioned enough stuff about it to cause trouble. Or at least answer the questions . . .

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 26 Jan 2001 14:33:43 -0500

From: Kenneth Hoglund <hoglund@wfu.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [89873] "Novice" Roundup

Message-ID: <3A71D117.D1D20471@wfu.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Under "Novice" my Webster's got : "3. a person new to a particular occupation, activity, etc.".

How about a qrp "event" for folks new to qrp'ing? Multipliers for "real" Novice/Techs, and for those into this 'activity' for less than a year; SSB or cw, held in the old Novice/Tech portions? Could be a fun way to

welcome newbies either in license or low-power.

Just an idea

73

Ken KG4FGC

A "real" Novice (not for long)

'A vanishing breed, that's me!'

Date: Fri, 26 Jan 2001 11:38:31 -0800
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89874] Portable Antenna
Message-ID: <3A71D237.1BE76953@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you to all that replied.

It has been sold.

Bob

Date: Fri, 26 Jan 2001 11:36:21 -0800
From: John Arnold <arnoldas@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [89875] Re: Anodizing aluminum
Message-ID: <3A71D1B4.84807DD5@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi gang. Years ago when I was just starting out in electronics, I worked for a manufacturer of microwave radio and telephone carrier equipment. We "finished" all of our aluminum chassis by a process we called "caustic etching". This was simply an etchin process in caustic soda followed by water rinse, a quick acid neutralising dip, followed by a final rise, dry, and then a clear spray or dip coating of laquer (Krylon). This is not anodizing but is a nice way to give aluminum a uniform, slightly matt, whitish finish. It takes silkscreening very well and lasts a long time. Yes, it's easy to do at home in a glass dish and is far less hazard, assuming you handle the hydroxides and acids with

usual careful practices.

73's/72's, John, WA6YSY

Date: Fri, 26 Jan 2001 15:08:00 -0500
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "QRP forum" <qrp-l@lehigh.edu>
Cc: "Mike Czuhajewski" <wa8mcq@erols.com>
Subject: [89876] QRP Hall of Fame nominations for 2001
Message-ID: <000701c087d3\$af2bb3e0\$5ab0db26@MCzuhajewski.EVI-INC.COM>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I sent this twice already and it never made it to qrp-l either time, so it's time for the third try

The January issue of the QRP Quarterly should be hitting the streets any day now (the advance copies for the inner circle are arriving already, and it s awesome!) and this is in it, so it s safe to post this now .
CALL FOR NOMINATIONS--QRP HALL OF FAME FOR 2001

Over the years there have been many QRPers who have stood out from the pack. Some have outstanding on-the-air accomplishments with QRP, while others have made tremendous contributions to the QRP community in a variety of other ways. The QRP Hall of Fame is an honor bestowed by the QRP ARCI to recognize some of these. Started up by former president Paula Franke, WB9TBU, the initial round of inductions was done in 1992; the program was revitalized in 1996 and we have been fortunate to have people inducted every year since.

It's that time again--we are now accepting nominations for possible inductions into the QRP Hall of Fame in 2001. If you feel someone has had a significant impact on the QRP community through outstanding accomplishments (technical, operating, organizational, etc), it's time to nominate them for this honor. Please provide your write-ups to me, WA8MCQ, via mail or e-mail by the end of February. The nominations will be collected and sent to the voters, we'll allow a bit of time for them to discuss the nominees if they wish before voting, and the inductees (if any) will be announced publicly at the QRP Banquet at Dayton.

(The voting body consists of the Board of Directors plus the executive team.

Existing QRP HoF members have also been offered the opportunity to vote for several years, although as their numbers continue to grow there will have to be some adjustments made to the process. A 2/3 vote is required for induction.)

Although the QRP HoF is administered by the QRP ARCI, nominations may be submitted by anyone, whether a member or not. Similarly, membership is not required for someone to receive the honor, since this is an award to recognize those who have made great contributions to the QRP community, not just to the club.

As always, each nominee is judged individually on his/her merits; this is not a competition to choose the top two or three from a field of worthy candidates. We have no quotas and no limits. If the voters don't feel any nominees truly deserve the honor in a given year, none will be inducted simply for the sake of having someone to announce at Dayton. On the other hand, if there are a dozen nominees and all are judged worthy, all will be inducted. (And we get a quantity discount on the plaques!)

If submitting a nomination, you must do more than simply toss out a name. We need to have a few paragraphs giving some details of the accomplishments, telling us why you feel the person is worthy of being in the QRP Hall of Fame. Don't count on all of the voters knowing everything about your favorite QRP hero; you think the person is worthy of the honor and it's your duty to convince them. In the past it was not unusual to see comments from the voters to the effect that if someone didn't bother to write more than a line or two, then the nominee must not be terribly worthy of getting the vote.

While we have no list of specific requirements to meet for induction, we do have some guidelines. In general, nominees should be someone who has made significant contributions to QRP in one or more areas, and preferably things benefiting a large number of people. Categories include technical, organizational, operational, etc. Long-term contributions carry more weight than limited, short term ones. Nominees have a much better chance of induction if they have been active in the QRP community for an extended period of time, ie, several years. Naturally, the nomination letters should only include information on achievements that are related to QRP.

The following, in alphabetical order, have been inducted into the QRP HoF in the years indicated:

Chuck Adams, K7QO 1998
Brice Anderson, W9PNE 1996
Dave Benson, NN1G 1999
Michael Bryce, WB8VGE 2000
Wayne Burdick, N6KR 1998
George Burt, GM30XX 1996

Jim Cates, WA6GER 1998
L. B. Cebik, W4RNL 1999
Mike Czuhajewski, WA8MCQ 1997
Tom Davis, K8IF 1996
Doug DeMaw, W1FB (silent key) 1992
Rev. George Dobbs, G3RJV 1992
Joe Everhart, N2CX 2000
Paul Harden, NA5N 1999
Wes Hayward, W7ZOI 1996
Doug Hendricks, KI6DS 1997
Roy Lewallen, W7EL 1992
Rich Littlefield, K1BQT 1996
Dick Pascoe, G0BPS 1997
Randy Rand, AA2U 1992
C. F. Rockey, W9SCH 1996
Gus Taylor, G8PG 1998
Adrian Weiss, W0RSP 1996

Remember, if there is someone you feel is deserving of being inducted into the QRP Hall of Fame, you have until the end of February to submit a nominating letter to me, WA8MCQ. Important: all inputs I receive will be acknowledged! If you do not hear back from me in a short time, please assume that I never received it and let me know. I'd hate to see someone lose out on the chance to be inducted because a letter or e-mail never got through.

73 and queue our pea DE WA8MCQ

Date: Fri, 26 Jan 2001 15:07:29 EST
From: Drbob92031@aol.com
To: qrp-l@lehigh.edu
Subject: [89877] correctio to earlier telescoping ant. post
Message-ID: <32.fc3b863.27a33301@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To all;

I just realized I made a stupid error. In an earlier post today I said I added a telescoping antenna to my 40 meter mobile antenna. I should have said my 15 METER ANTENNA. By adding the extra radiator to the 15 Meter mobile antenna I was able to bring it into the 20 Meter band. I am sorry for any confusion and problems I may have caused.

72/73 Bob WA2EAW

Date: Fri, 26 Jan 2001 14:28:10 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [89878] Bill Orr, author, mentor, antenna experimenter, Radio Handbook editor for Editors and Engineers SK
Message-ID: <007b01c087d6\$80267910\$4e100a0a@rohredt2000>

"ARLX003 Amateur Radio Giant Bill Orr, W6SAI, SK

ZCZC AX03"

I had sent Bill an email just a week ago, thanking him for all the mentoring he did for all of us hams coming up in the 50's and even before. I had been meaning to contact him for some time, and something kept nagging me to do it now. He was a writer for ham magazines and had been my favorite antenna column writer in CQ magazine. His monthly expositions of various antenna ideas, both old and new, urged me on to invent another variant of the G5RV which worked better than any dipole I had used over a time of 38 years. His down to earth Radio Handbooks from Editor and Engineers, and his series of Antenna books from himself and the publisher of CQ gave workable Yagis, Quads, and wires to many new hams..

Most of all, his stirring history of ham radio itself for the CQ 50th anniversary issue was a milestone of

Amateur Radio. Unfortunately, like many, he lived only 5 years past the death of his wife.

But, he died in his sleep, which is easier than some ways to go on the last DX pedition.

73 and 72 Bill, we will miss you and say hello to Doug and Lew, Hiram P. and the whole pantheon of great hams.

Stuart,
K5KVH

Date: Fri, 26 Jan 2001 15:31:52 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-1@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [89879] Klunky Manhattan Project
Message-ID: <Pine.LNX.3.95.1010126152612.6275B-100000@butler.qrp.com>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Ya know, those symbols in the klunky schematic editor really are images. So, I took some pieces of the picture of the 2N2/6 I took at FDIM and made them klunky symbols. Here's the resulting klunky manhattan circuit. <http://butler.qrp.com/~wd9eyb/klunky/mh1.html>

Ok, I've gone off the deep end.
I'm not going to think about klunky stuff all weekend.
I'm going to a hamfest.

Later,

Jim, WD9EYB

Date: Fri, 26 Jan 2001 15:37:43 -0500
From: "Acito, William" <William.Acito@brooks.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>
Subject: [89880] Re: Anodizing aluminum
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218BB26@mail-naeast1.brooks.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Another safety issue (story)... not sure if it was true or an old man trying to scare a young kid engineer, but the town I used to work in had a small anodizing company in it. I stopped off one afternoon with a box of some of the Sierra surplus aluminum cases I had purchased years ago (the ones with the black plastic latches on the sides). Place really scared me... lot of open baths of chemicals, metal parts on racks being manually lowered into the baths --- I've worked in the semiconductor industry for a dozen years (with HF, sulfuric, nitric, silane, diborane, etc) and this place _scared_ me.

Well, first thing was a \$50 minimum charge for the chemical bath set-up, and the second was "ya sure those things are aluminum... 100%, no alloys... we put the wrong metal in there and they'll explode... real violent-like."

I passed on it. I'd leave it to a professional to do.

Bill
W1PA

Date: Fri, 26 Jan 2001 12:43:07 -0800
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>, <badger@vbe.com>
Subject: [89881] RE: Bill Orr, W6SAI a SK ?
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-010126204307Z-1213@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, it's true.... Here's the info:

<http://www.arrl.org/news/stories/2001/01/26/1/?nc=1>

72

.mark

>-----
>From: Michael Melland[SMTP:badger@vbe.com]
>Sent: Thursday, January 25, 2001 4:19 PM
>To: Low Power Amateur Radio Discussion
>Subject: Bill Orr, W6SAI a SK ?
>
>I hate to repeat rumors but I just saw this on another reflector. Did this
>just happen ?..... boy we sure seem to be losing lots of the grand old men
>of our hobby.
>
>72/73 de Mike
>
>--
>Michael Melland, W9WIS
>Winneconne, Wisconsin USA - Grid EN54pc
>QRP-L #1656 - QRPARCI #9875
><http://www.vbe.com/~badger>
>
>

Date: Fri, 26 Jan 2001 13:51:54 -0700
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
To: "'QRP-1 Messages'" <qrp-1@lehigh.EDU>
Subject: [89882] FOX: Fox #29 Preliminary Log (KI0II)
Message-ID: <5899595F9867D311BC0A00805F57884D01FB611D@copland.tci.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="ISO-8859-1"

To All,

Here is my initial log. My best guess on the timing of my low TX power problem was from about 02:40 to 02:50, give or take. I regret that it happened but don't believe it penalized any one potential hound more than another.

Please note that the QSO# are not all accounted for due to 4 dupes being removed and QSO#51.

QSO#51 is one I messed up on the call, I believe I have it correct except for one position and feel I have good copy on the remainder of the exchange. If you believe you worked me about that time, and can confirm the rest of the exchange, I will add the contact to the log. If the Fox Committee feels I should not get credit for the contact, that is fine, but the hound should not be penalized for my mistake. (my opinion and mine only)

So, without QSO#51 and adding myself, the log should consist of 92 entries. I did not reach my goal of 100 Q's but a considerable improvement over the 1st try. Many lessons learned and hope to do it again.

Thank you for your patience and support

72 Ron ki0ii

QRP-L Fox Hunt # 29. January 26, 2001 (02:00 - 04:00 UTC)

Band Pts	Date	Time	QSO#	Call worked	Sent	Rcvd	Name	Qth
----	----	----	----	-----	----	----	----	----
---		00:00		KI0II			RON/Fox #29	
1	40CW	26-Jan-01 02:00	1	AA0XX	559	559	CRAIG 5	MN
1	40CW	26-Jan-01 02:02	2	NK7M	559	559	BOB 5	AZ
1	40CW	26-Jan-01 02:03	3	N4R0A	559	559	DAN 4	VA
1	40CW	26-Jan-01 02:04	4	K0EVZ	* 559	559	DOC 5	ND
1	40CW	26-Jan-01 02:05	5	NQ7X	* 559	559	FLOYD 5	AZ
1	40CW	26-Jan-01 02:09	7	VA6RF	559	559	EARL 5	AB

40CW	26-Jan-01	02:09	8	W0CH	*	559	559	DAVE	5	MO
1										
40CW	26-Jan-01	02:13	10	K5AAR	*	559	559	DON	5	OK
1										
40CW	26-Jan-01	02:14	11	W9XT		559	559	GARY	5	WI
1										
40CW	26-Jan-01	02:15	12	W5USJ		559	559	CHUCK	3	TX
1										
40CW	26-Jan-01	02:17	13	VE6JAZ	*	559	559	ROB	5	AB
1										
40CW	26-Jan-01	02:18	14	N1LN	*	559	559	BRUCE	5	TX
1										
40CW	26-Jan-01	02:19	15	N5TW	*	559	599	TOM	5	TX
1										
40CW	26-Jan-01	02:20	16	N5IWE		559	579	RAY	5	TX
1										
40CW	26-Jan-01	02:21	17	W0JOE	*	559	559	JOE	5	MO
1										
40CW	26-Jan-01	02:23	18	N9AW	*	559	559	JERRY	5	WI
1										
40CW	26-Jan-01	02:23	19	K7FD	*	559	559	JOHN	5	OR
1										
40CW	26-Jan-01	02:25	20	W5SX		599	559	BILL	5	TX
1										
40CW	26-Jan-01	02:27	21	N5UW	*	559	559	CLIF	5	OK
1										
40CW	26-Jan-01	02:28	22	W5HNS	*	559	559	HENRY	5	TX
1										
40CW	26-Jan-01	02:29	23	W0RSP	*	559	589	ADE	2	SD
1										
40CW	26-Jan-01	02:30	24	K7RE	*	559	559	BRIAN	5	AZ
1										
40CW	26-Jan-01	02:31	25	W0UFO		559	559	BILL	5	MN
1										
40CW	26-Jan-01	02:32	26	W5YR	*	559	559	GEORGE	5	TX
1										
40CW	26-Jan-01	02:33	27	K9DD		559	549	JIM	5	IL
1										
40CW	26-Jan-01	02:34	28	N0AR	*	559	559	SCOTT	4	MN
1										
40CW	26-Jan-01	02:34	29	K5DW	*	559	559	DON	5	TX
1										
40CW	26-Jan-01	02:35	30	K2Q0	*	559	599	MARK	5	NY
1										
40CW	26-Jan-01	02:36	31	W0PWE	*	559	599	JERRY	5	IA

Call in question.....						#51				
40CW	26-Jan-01	03:02	52	K5VUU		559	559	BILL	5	TX
1										
40CW	26-Jan-01	03:03	53	AA7XA		559	589	FRANK	5	OR
1										
40CW	26-Jan-01	03:06	54	AK1P	*	559	559	PAUL	5	CA
1										
40CW	26-Jan-01	03:07	55	N0UR	*	559	579	JIM	5	MN
1										
40CW	26-Jan-01	03:08	56	N5JI	*	559	559	JIM	5	TX
1										
40CW	26-Jan-01	03:11	57	WI4S		559	559	JOHN	5	TN
1										
40CW	26-Jan-01	03:12	58	NK6A	*	559	559	DON	5	CA
1										
40CW	26-Jan-01	03:16	59	AF4LQ	*	559	559	MIKE	5	KY
1										
40CW	26-Jan-01	03:16	60	K10J	*	559	559	OJ	5	TX
1										
40CW	26-Jan-01	03:19	62	WA5REJ		559	559	JIM	5	TX
1										
40CW	26-Jan-01	03:20	63	WA7TQK		559	559	WILL	5	ID
1										
40CW	26-Jan-01	03:21	64	K3IU	*	559	559	KEN	5	RI
1										
40CW	26-Jan-01	03:22	65	K5LN	*	559	559	BILL	5	TX
1										
40CW	26-Jan-01	03:24	66	W8SFF		559	559	STEVE	5	MI
1										
40CW	26-Jan-01	03:25	67	AA7EQ		559	559	BOB	5	AZ
1										
40CW	26-Jan-01	03:26	68	NK9G	*	559	559	RICK	5	WI
1										
40CW	26-Jan-01	03:28	69	N6WG	*	559	559	BOB	5	CA
1										
40CW	26-Jan-01	03:29	70	WE9K	*	559	599	GLENN	5	WI
1										
40CW	26-Jan-01	03:30	71	N2CQ	*	559	599	KEN	5	NJ
1										
40CW	26-Jan-01	03:32	72	KC1FB	*	559	559	JIM	5	CT
1										
40CW	26-Jan-01	03:34	74	NW7DX	*	559	559	BEN	5	WA
1										
40CW	26-Jan-01	03:35	75	WE6W	*	559	579	ED	5	CA
1										
40CW	26-Jan-01	03:37	76	N5ET	*	559	559	BOB	5	TX

1									
40CW	26-Jan-01	03:38	77	WA50PE		559	559	ED 5	TX
1									
40CW	26-Jan-01	03:39	78	W2XN	*	559	559	FRED 5	FL
1									
40CW	26-Jan-01	03:40	79	N1TP	*	559	559	TOM 5	FL
1									
40CW	26-Jan-01	03:41	80	K5E0A	*	559	559	WAYNE 5	LA
1									
40CW	26-Jan-01	03:42	81	N5IB	*	559	559	JIM 5	LA
1									
40CW	26-Jan-01	03:44	82	K0CD		559	559	BOB 5	CO
1									
40CW	26-Jan-01	03:45	83	W5SD		559	559	GEORGE 5	TN
1									
40CW	26-Jan-01	03:47	84	WU9F		559	599	TERRY 5	WI
1									
40CW	26-Jan-01	03:48	85	KE5TF		559	559	LINDA 5	TX
1									
40CW	26-Jan-01	03:50	86	WV9N		559	559	RANDY 5	OH
1									
40CW	26-Jan-01	03:51	87	K5AEM		559	599	JOHN 5	TX
1									
40CW	26-Jan-01	03:52	88	K8CV	*	559	559	WALT 5	WI
1									
40CW	26-Jan-01	03:54	89	W5SB		559	559	BILL 5	TX
1									
40CW	26-Jan-01	03:55	90	WB8ICN	*	559	589	MIKE 5	MI
1									
40CW	26-Jan-01	03:56	91	N4VM		559	459	BRYN 5	TN
1									
40CW	26-Jan-01	03:57	92	VE3FAL	*	559	559	FRED 5	ON
1									
40CW	26-Jan-01	03:57	93	K0FRP	*	559	599	AL 5	CO
1									
40CW	26-Jan-01	03:58	94	N9QIL		559	559	KEN 5	IN
1									
40CW	26-Jan-01	03:59	95	N4UY	*	559	599	JOHN 100	VA
1									
40CW	26-Jan-01	03:59	96	W3ERU		559	559	WES 5	MD
1									

Date: Fri, 26 Jan 2001 16:04:08 -0500

From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: <K5BDZ@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [89883] RE: Antenna analyzers Vectronics on sale
Message-ID: <LPBBJAGIPFHKPJENAKLOEEAKDJAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: K5BDZ@aol.com

> Sent: Friday, January 26, 2001 7:02 AM

[snip]

> In a message dated 01/26/2001 4:16:50 AM Central Standard Time,
> dwittlic@apci.net writes:

> << The Jan 2001 monthly Radio Shack flyer shows a Vectronics
> model VEC-584B antenna analyzer.
> >From the description it sounds similar to an MFJ 259B, and
> is marked down in price to 149.95, regular 229.95. it is
> Catalog # 940-0683. To see the ad, you can start with
> www.radioshack.com and follow menu to "more web specials" or
> go to this URL.

>

<http://www.radioshack.com/category.asp?catalog%5Fname=FLYER&category%5Fname=FLYER%5F001%5F002%5F001%5F000&Page=3> >>

>the site has a small picture of the unit on the left. Double click on
the
>picture and it enlarges to show what appears to be an MFJ unit with
>Vectronics name on it.

I got my MFJ 259B out and checked it against the photo, it does indeed
look like its the same unit. However, the text below says it take "8 AA
cells" that would make it the same as the MFJ-259, the B mdoel takes 10
AA cells, to keep its voltage up longer ...

72 de brian, n1bq

Date: Fri, 26 Jan 2001 15:45:53 -0600
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: n1bq@wulfdan.org, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89884] RE: Antenna analyzers Vectronics on sale
Message-ID: <4.2.0.58.20010126154402.009e8b80@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

And doesn't the 259B have a built-in charger for NiCads?

Vance Huntsinger-WA9YDJ

At 04:04 PM 1/26/2001 -0500, Brian B. Riley, N1BQ wrote:

> I got my MFJ 259B out and checked it against the photo, it does indeed
> look like its the same unit. However, the text below says it take "8 AA
> cells" that would make it the same as the MFJ-259, the B mdoel takes 10
> AA cells, to keep its voltage up longer ...
>
> 72 de brian, n1bq

Date: Fri, 26 Jan 2001 13:55:34 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: solitsky@acsu.buffalo.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89885] RE: 6m QRP fun freq
Message-ID: <20010126215534.11758.qmail@web801.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There is a small area below 50.100. If you stay between 50.090 and 50.100 you will be fine. Below 50.090 is getting into the beacon portion of the band.

The standard 50.125 for SSB and CW is the place to be. This being where all 6 meter opps go to check the band, the chance of being heard is better. Any other place and you can waste time calling to yourself.

I have been on and off of 6 meters over the last 10 years and all activity has been at 10 watts or less. Stick to 50.125 and you will be a happy camper and also will be able to expound on QRP to the QRO boys when the band opens. If it is a good opening, any where on the dial will work, as it sounds like 20

meters.

73, Bill

Do You Yahoo!?

Yahoo! Auctions - Buy the things you want at great prices.
<http://auctions.yahoo.com/>

Date: Fri, 26 Jan 2001 17:16:36 -0500
From: "Rick - WW9JD" <ww9jd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89886] Is a K2 an "energy saving device"?
Message-ID: <3A71B0F4.16736.922263@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I just heard on the news that Pacific Gas & Electric will offer
customers rebates when they purchase energy saving devices.
does a K2 or other QRP rig count? ;-)

73,

Rick

<><

Rick Dubbs WW9JD
Greenwood (near Indianapolis), Indiana USA
CARF #278; QRP-L #2184

Date: Fri, 26 Jan 2001 16:12:06 -0600
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: qrp-l@Lehigh.EDU
Subject: [89887] Antenna analyzers
Message-ID: <4.2.0.58.20010126154833.00a03b60@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks to everyone who emailed me, either via the reflector or privately,
with personal experiences and comparisons of the Autek VA-1 vs. MFJ 259B
analyzers. As is often the case, it's not a clear-cut case of one being

unquestionably superior to the other. However, I now have a better idea of their features and the relative advantages of each unit. For those who had the same questions as I did, here is a very brief summary:

1. Autek is very compact, lightweight, and runs on a 9-volt battery; good for portable use. MFJ is bigger and heavier.
2. MFJ is perhaps more versatile and has analog meters, in addition to digital readout, which are easier to use than a digital readout when looking for a dip.
3. MFJ covers larger range of frequencies--up to 2m or a little higher. Autek VA-1 goes up to a little above 10m.
4. MFJ might be considered a little more user friendly; Autek tuning is a bit touchy until you get the hang of it.

Perhaps the most important point:

5. Both units are good, but preference for one over the other is pretty subjective. Before shelling out the bucks, make an attempt to try out both units to see which is more comfortable for you.

Vance Huntsinger-WA9YDJ

Date: Fri, 26 Jan 2001 14:33:52 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [89888] Another great one gone...
Message-ID: <3.0.5.32.20010126143352.0098da30@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From an ARRL bulletin just received:

>Amateur Radio legend William I. ''Bill'' Orr, W6SAI, of Menlo Park,
>California, died in his sleep January 24. He was 81.

>

>An ARRL member, Orr was best known for his numerous amateur radio
>books and reference works, many aimed at beginners. His titles
>include The Radio Handbook, The Beam Antenna Handbook, The Quad
>Antenna Handbook, The VHF-UHF Manual and The W6SAI HF Antenna
>Handbook, some written in collaboration with Stu Cowan, W2LX.

>

His "Radio Handbook" rivaled the ARRL Handbook back in the 50's and 60's. I built a 500W amplifier from his handbook back in 1954 or so. (Good thing my parents didn't know how lethal that 3KV power supply was...) I gave the amp away a few years ago but I still have the book.

Gone but not forgotten...

73,
Larry W1HUE/7

Date: Fri, 26 Jan 2001 16:37:02 -0600
From: "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>
To: qrp-1@Lehigh.EDU
Subject: [89889] Re: WWV as entertainment
Message-ID: <0F62E09E7D.BE8993A6-0N862569E0.007946E7@cis.okstate.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Two out of six votes! If the vote is anywhere close to being a good sample, 1/3 of us enjoy WWV! Of course a few more respondents would have been nice to round out the statistics...

I was one of those two entertainment votes. I originally did it on behalf of my two children (5 & 9 years old) who've asked me to "...put it on the clock" station. But as I've reflected on it, I seem to enjoy it too. I often absent mindedly leave WWV on as I tinker on the workbench. Its a reassuring sound in a sea of changing shortwave noise, programs, and languages. However, don't take me wrong here. I also enjoy sailing those seas to explore. Lastly, WWV has rhythm and tone. In fact, one might seek an analogy in minimalist music. <grin>

72's de Matthew, AD5AP

Date: Fri, 26 Jan 2001 14:40:30 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <www9jd@arrl.net>, <qrp-1@lehigh.edu>
Subject: [89890] Energy saving device?
Message-ID: <01c087e8\$fd469e40\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, if you compare a K2 to a big rig, the K2 would be an energy saver. It draws about 200mA on receive when you have everything turned on, 110mA when you are in Energy Saver mode (no signal headphones. I don't know what it would be using the speaker and listening to a signal).

If you compare a K2 to a Elmer 101 SW40+, or a NorCal 40 or another of the of the low current rigs, the answer is NO, the K2 is a current hog as far as QRP radios go.

By the way, no electricity problems in Dos Palos yet. Makes you wonder doesn't it? Have a good weekend. 72, Doug

Date: Fri, 26 Jan 2001 16:47:57 -0600
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89891] OT: Novice Ticket and ARRL
Message-ID: <4.2.0.58.20010126163202.00a0ba40@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I was a novice in the 60's and my first rig was homebrewed from a QST article of the era. The author of the article was Lew McCoy. The rig worked great, and I still have it. After upgrading, I needed to save some money for a "big rig." In the meantime, I stumbled across a Knight Kit VFO, which I wanted to adapt to my crystal controlled homebrew rig. I ran into some problems, so wrote a letter to Lew McCoy of the ARRL. I soon received a return letter from Lew (still have it), in which he gave clear suggestions for making the VFO work properly with the rig. After a one-hour warmup, the drift was tolerable--hi, hi. I worked many stations with that rig and VFO before getting a more state-of-the-art rig. More state of the art did not equate to more fun, though. The real fun returned when I discovered QRP.

Vance Huntsinger-WA9YDJ

At 12:05 PM 1/26/2001 -0500, Rick Robinson wrote:
>The NR was held in February but I think the ARRL dropped the Novice Roundup
>several years ago. From some of the late Lew McCoy's writings, I gather
>dropping the NR was a sore spot for him. Lew was one of the driving forces
>behind the creation of the Novice class license and started the Novice
>Roundup while with the ARRL.

Date: Fri, 26 Jan 2001 15:55:47 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Richard Matthews <prm@hiwaay.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89892] Re: Anodizing aluminum

Message-ID: <Pine.SUN.4.10.10101261532200.19675-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Most of my electronic chassis I have gold anodized. It is about the same
> costs (not gold except in color) and this type of anodization is protective
> but not insulating so you don't have to scrape where you need grounding . .
> . .also it is kind of pretty I think.

Most all of the anodizing we have done for our aluminum work at the observatory is the "gold" color. However, they avoid the use of the word "gold" as many think it implies gold plating. So years ago, they renamed it to "yellow chromate conversion."

But as Richard noted ... it is pretty and cute.

As Doug mentioned in his post, if you have a local anodizing business, you might just approach them. We are always charged a flat rate "per batch." They have these huge baskets they load everything into and lower into a tank. Just think of it as a giant McDonalds french fry cooker :-)
If you are willing to wait a few days for the color desired, they may very well toss it in with a batch and charge you \$5 or something. We usually get charged about \$80-100 per batch, but that can often be a lot of stuff. (100 pounds or more). And tell them what it's for. These guys dip and zap a ton of stuff a week, and very seldom have any idea what it's for. Take the finished product back and show them, and you may have an ally for life!

I don't know if Doug was refering to black anodizing, or any anodizing, but I have never seen anything come back with blemishes or spots on them. They dip them in carbon tetrachloride or something to clean off all oils, etc. before anodizing for a nice, consistent coloring. However, I also have no first hand experience with black anodizing. Maybe that's where the difficulty arises in a perfect coating.

72, Paul NA5N

Date: Fri, 26 Jan 2001 14:57:21 -0800
From: Stephen Hawkins <grayline@mindspring.com>
To: mwc@okstate.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89893] Re: WWV as entertainment
Message-ID: <4.2.2.20010126145443.00a35bf0@mail.mindspring.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Matthew,

A man who shares my sense of humor. I had a T-shirt made that says on the back:

WWV

"We're ALL TIME, ALL THE TIME"

73 49 111 0100 1001

Steve WV6U

At 04:37 PM 1/26/01 -0600, Matthew Collier/cis/evp/Okstate wrote:

>I was one of those two entertainment votes. I originally did it on behalf
>of my two children (5 & 9 years old) who've asked me to "...put it on the
>clock" station. But as I've reflected on it, I seem to enjoy it too. I
>often absent mindedly leave WWV on as I tinker on the workbench. Its a
>reassuring sound in a sea of changing shortwave noise, programs, and
>languages. However, don't take me wrong here. I also enjoy sailing those
>seas to explore. Lastly, WWV has rhythm and tone. In fact, one might
>seek an analogy in minimalist music. <grin>

>

>72's de Matthew, AD5AP

Stephen Hawkins WV6U

grayline@mindspring.com

73 49 111 0100 1001

Date: Fri, 26 Jan 2001 17:14:59 -0600

From: Steve Yates - AA5TB <aa5tb@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [89894] Re: EFHWA -- which tuner is best?

Message-ID: <00c401c087ed\$ceecd3c0\$cb2bbcd0@aa5tb>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Bill,

I agree with Bill Coleman but I've always used parallel tuned circuits to couple to my end-fed halfwave antennas. For an example, see:

<http://www.geocities.com/aa5tb/coupler.html>

and

<http://www.geocities.com/aa5tb/halfwave.html>

For multiband use the L-network would probably be more flexible.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

aa5tb@arrl.net

<http://www.geocities.com/aa5tb>

Date: Fri, 26 Jan 2001 14:43:38 -0500

From: preacher102677@juno.com

To: qrp-1@Lehigh.EDU

Subject: [89895] All the recent antenna discussionss....

Message-ID: <20010126.180922.-94353.6.preacher102677@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Some while ago, last year, either CQ or QST put out an article on the use of a "Scott Sled Kite" to suspend an antenner.

I can't find my copy of this magazine, does anyone here know what I'm talking about? I think It was early last year. Other than that, anyone using a kite to suspend their portable qrp communications?

LIC,

G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."

Photographer, Philosopher, Preacher, Pirate, Poet.

DE KG4GVL Clear.

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 26 Jan 2001 23:21:22

From: "Brad Hernlem" <alihernlem@hotmail.com>

To: qrp-1@lehigh.edu

Subject: [89896] Re: Klunky Manhattan Project
Message-ID: <F230IkyPzGNsokLQ8aZ000015ab@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

"Klunky Manhattan Project"

Alright! who's building nukes!

: -)

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Fri, 26 Jan 2001 18:22:51 -0500
From: Joseph Everhart <n2cx@popmail.voicenet.com>
To: njqrp@njqrp.org
Cc: qrp-1@lehigh.edu
Subject: [89897] Round 3 Warblers on their way!
Message-ID: <200101262322.f0QNMp4642118@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Group,

We're pleased to announce that the Round 3 Warblers are beginning to make their way thru the mail system.

About 3/4 of the 104 outstanding orders were mailed yesterday and today. The remainder will go out tomorrow. You should just see the overstuffed box in front of the local regional mail center. And the mail slot *inside* got filled as well.

We ramped up to kit 200 Warblers and will likely do another run in a month or so, depending on demand. You do the math, though. We have 200 kits and shipped just over half. That leaves a bunch that are available.

You can join the rapidly growing ranks of the PSK31-enabled with=20 your very own Warbler by sending an order to

George Heron, N2APB
=A0=A0=A0=A0 2419 Feather Mae Court
=A0=A0=A0=A0 Forest Hill, MD=A0 21050

The price is \$45 which includes shipping (Canada & DX orders please=20
add \$5 extra.)

For more info the Warbler check out the NJQRP web site info at:
<http://www.njqrp.org/warbler/index.html>

Happy Warbling.

George, N2APB and Joe, N2CX

Date: Fri, 26 Jan 2001 17:44:35 -0600
From: "George Lee" <georgekr5c@cablelynx.com>
To: <qrp-l@Lehigh.EDU>
Subject: [89898] QRP Quarterly
Message-ID: <001301c087f1\$fbf55000\$690acc18@cablelynx.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The January 2001 issue looks so good I am afraid to spoil it with finger
prints.

What an outstanding publication!

I can hardly wait for time to sit down and read through this magnificent
rendering of QRP information. I particularly like the "Table of Contents"
in which the "Idea Exchange" has all subjects listed, and in order no less.
This one will be hard to follow and all concerned should be proud.

Thanks for such great work and especially for so much personal time and
effort.

72, George KR5C

End of QRP-L Digest 2079

